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UNIVERSITE CATHOLIQUE DE LOUVAIN
FACULTE DES SCIENCES
Laboratoire de Cytogénétique

Morphologie comparée des espèces du genre *Eragrostis* Wolf (Gramineae) du Zaïre

Annexes Photographiques

Promoteur : Professeur C.M. EVRARD

OHOTO OMANA LOSOKOLA
(Emilienne)
Licenciée en Sciences Botaniques

Dissertation présentée
en vue de l'obtention du grade
de Docteur en Sciences

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BIBLIOTHEQUE DU JARDIN BOTANIQUE NATIONAL DE BELGIQUE
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1980

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PLANCHE O

A = C.T. d'une feuille

1 : Epiderme adaxial (supérieur)
2 : Fibres extrafasciculaires
3 : Gaines parenchymateuse
4 : Cellules bulliformes
5 : Chlorenchyme
6 : Gaine fibreuse
7 : Phloème
8 : Cellule épidermique
9 : Aiguillon
10 : Fibres fasciculaires
11 : Stomate
12 : Epiderme abaxial

B = Cellules bulliformes (types)

13 : type a
14 : type b
15 : type c
16 : type d

C = Gaines parenchymateuses (faisceaux de 2e ordre)

17 : type a
18 : type b
19 : type c
20 : type d

D = Epiderme foliaire (abaxial)

21 : Cellule courte
22 : Cellule longue
23 : Stomate (vue de face)
24 : Cellule siliceuse
25 : Aiguillon
26 : Poil court
27 : Poil court : cellule distale
28 : Poil long
29 : Stomate : cellule subsidiaire
30 : Poil court : cellule basale

E = Cellules siliceuses (types)

31 : type a

32 : type b

33 : type c

34 : type d

35 : type e

Planche 1-A : E. aethiopica Chiov.

1. C.T. du limbe : faisceaux : vue d'ensemble(210x)
2. C.T. du limbe : faisceaux de 1er ordre(526x)
3. C.T. du limbe : bord : détail(526x)
4. Epiderme foliaire : détail(317x)

Planche 2-A : E. arenicola C.E. Hubbard

5. C.T. du limbe : faisceaux : vue d'ensemble(210x)
6. C.T. du limbe : faisceaux de 1er ordre(526x)
7. C.T. du limbe : bord : détail(526x)
8. Epiderme foiliaire : détail(317x)

Planche 3-A : E. aspera (Jacq.) Nees

9. C.T. du limbe : faisceaux : vue d'ensemble(210x)
10. C.T. du limbe : faisceaux de 1er ordre(526x)
11. C.T. du limbe : bord : détail(526x)
12. Epiderme foliaire : détail(317x)

Planche 4-A : E. atrovirens(Desf.) Trin. ex Steud.

13. C.T. du limbe : faisceaux : vue d'ensemble(210x)
14. C.T. du limbe : faisceaux de 1er ordre(526x)
15. C.T. du limbe : bord : détail(526x)
16. Epiderme foliaire : détail : contraste de phase (317x)

Planche 5-A : E. barteri C.E. Hubbard

17. C.T. du limbe : faisceaux : vue d'ensemble(210x)
18. C.T. du limbe : faisceaux de 1er ordre(526x)
19. C.T. du limbe : bord : détail(526x)
20. Epiderme foliaire : détail(317x)

Planche 6-A : E. botryodes W.D. Clayton

21. C.T. du limbe : faisceaux : vue d'ensemble(210x)
22. C.T. du limbe : faisceaux de 1er ordre(526x)
23. C.T. du limbe : bord : détail(526x)
24. Epiderme foliaire : détail : contraste de phase (317x)

Planche 7-A : E. caespitosa Chiov.

25. C.T. du limbe : faisceaux : vue d'ensemble(210x)
26. C.T. du limbe : faisceaux de 1er ordre(526x)

27. C.T. du limbe : bord : détail(526x)
28. Epiderme foliaire : détail(317x)

Planche 8-A E. canescens C.E. Hubbard

29. C.T. du limbe : faisceaux : vue d'ensemble(210x)
30. C.T. du limbe : faisceaux de 1er ordre(526x)
31. C.T. du limbe : bord : détail(526x)
32. Epidermd foliaire : détail : contraste de phase (317x)

Planche 9-A E. caniflora Rendle

33. C.T. du limbe : faisceaux : vue d'ensemble(210x)
34. C.T. du limbe : faisceaux de 1er ordre(526x)
35. C.T. du limbe : bord : détail(526x)
36. Epiderme foliaire : détail : contraste de phase (317x)

Planche 10-A E. capensis (Thunb.) Trin.

37. C.T. du limbe : faisceaux : vue d'ensemble(210x)
38. C.T. du limbe : faisceaux de 1er ordre(526x)
39. C.T. du limbe : bord : détail(526x)
40. Epiderme foliaire : détail : contraste de phase (317x)

Planche 11-A E. castellaneana Buscal. & Muschl.

41. C.T. du limbe : faisceaux : vue d'ensemble(210x)
42. C.T. du limbe : faisceaux de 1er ordre(526x)
43. C.T. du limbe : bord : détail(526x)
44. Epiderme foliaire : détail : contraste de phase (317x)

Planche 12-A E. chapelieri (Kunth) Nees

45. C.T. du limbe : faisceaux : vue d'ensemble(210x)
46. C.T. du limbe : faisceaux de 1er ordre(526x)
47. C.T. du limbe : bord : détail(526x)
48. Epiderme foliaire : détail : contraste de phase (317x)

Planche 13-A E. cilianensis (All.) Lut.

49. C.T. du limbe : faisceaux : vue d'ensemble(210x)
50. C.T. du limbe : faisceaux de 1er ordre(526x)

51. C.T. du limbe : bord : détail(526x)
52. Epiderme foliaire : détail : contraste de phase (317x)

Planche 14-A : E. ciliaris (L.) R.Br.

53. C.T. du limbe : faisceaux : vue d'ensemble(210x)
54. C.T. du limbe : faisceaux de 1er ordre(526x)
55. C.T. du limbe : bord : détail(526x)
56. Epiderme foliaire : détail : contraste de phase (317x)

Planche 15-A : E. congesta Oliv.

57. C.T. du limbe : faisceaux : vue d'ensemble(210x)
58. C.T. du limbe : faisceaux de 1er ordre(526x)
59. C.T. du limbe : bord : détail(526x)
60. Epiderme foliaire : détail : contraste de phase (317x)

Planche 16-A : E. curvula (Schrad.) Nees

61. C.T. du limbe : faisceaux : vue d'ensemble(210x)
62. C.T. du limbe : faisceaux de 1er ordre(526x)
63. C.T. du limbe : bord : détail(526x)
64. Epiderme foliaire : détail : contraste de phase (317x)

Planche 17-A : E. cylindriflora Hochst.

65. C.T. du limbe : faisceaux : vue d'ensemble(210x)
66. C.T. du limbe : faisceaux de 1er ordre(526x)
67. C.T. du limbe : bord : détail(526x)
68. Epiderme foliaire : détail : contraste de phase (317x)

Planche 18-A : E. exasperata Peter

69. C.T. du limbe : faisceaux : vue d'ensemble(210x)
70. C.T. du limbe : faisceaux de 1er ordre(526x)
71. C.T. du limbe : bord : détail(526x)
72. Epiderme foliaire : détail(317x)

Planche 19-A : E. gangetica (Roxb.) Steud.

73. C.T. du limbe : faisceaux : vue d'ensemble(210x)
74. C.T. du limbe : faisceaux de 1er ordre(526x)

75. C.T. du limbe : bord : détail(526x)
76. Epiderme foliaire : détail : contraste de phase (317x)

Planche 20-A : E. heteromera Stapf

77. C.T. du limbe : faisceaux : vue d'ensemble(210x)
78. C.T. du limbe : faisceaux de 1er ordre(526x)
79. C.T. du limbe : bord : détail(526x)
80. Epiderme foliaire : détail(317x)

Planche 21-A : E. homblei De Wild.

81. C.T. du limbe : faisceaux : vue d'ensemble(210x)
82. C.T. du limbe : faisceaux de 1er ordre(526x)
83. C.T. du limbe : bord : détail(526x)
84. Epiderme foliaire : détail : contraste de phase (317x)

Planche 22-A : E. humidicola Napper

85. C.T. du limbe : faisceaux : vue d'ensemble(210x)
86. C.T. du limbe : faisceaux de 1er ordre(526x)
87. C.T. du limbe : bord : détail(526x)
88. Epiderme foliaire : détail : contraste de phase (317x)

Planche 23-A : E. inamoena K. Schum.

89. C.T. du limbe : faisceaux : vue d'ensemble(210x)
90. C.T. du limbe : faisceaux de 1er ordre(526x)
91. C.T. du limbe : bord : détail(526x)
92. Epiderme foliaire : détail : contraste de phase (317x)

Planche 24-A : E. kiwuensis Jedw.

93. C.T. du limbe : faisceaux : vue d'ensemble(210x)
94. C.T. du limbe : faisceaux de 1er ordre(526x)
95. C.T. du limbe : bord : détail(526x)
96. Epiderme foliaire : détail : contraste de phase (317x)

Planche 25-A : E. lappula Nees

97. C.T. du limbe : faisceaux : vue d'ensemble(210x)
98. C.T. du limbe : faisceaux de 1er ordre(526x)

99. C.T. du limbe : bord : détail(526x)
100. Epiderme foliaire : détail : contraste de phase (317x)

Planche 26-A : E. macilenta (A. Rich.) Steud.
101. C.T. du limbe : faisceaux : vue d'ensemble(210x)
102. C.T. du limbe : faisceaux de 1er ordre(526x)
103. C.T. du limbe : bord : détail(526x)
104. Epiderme foliaire : détail : contraste de phase (317x)

Planche 27-A : E. mildbraedii Pilg.
105. C.T. du limbe : faisceaux : vue d'ensemble(210x)
106. C.T. du limbe : faisceaux de 1er ordre(526x)
107. C.T. du limbe : bord : détail(526x)
108. Epiderme foliaire : détail(317x)

Planche 28-A : E. mollior Pilg.
109. C.T. du limbe : faisceaux : vue d'ensemble(210x)
110. C.T. du limbe : faisceaux de 1er ordre(526x)
111. C.T. du limbe : bord : détail(526x)
112. Epiderme foliaire : détail : contraste de phase (317x)

Planche 29-A : E. namaquensis Schrad.
113. C.T. du limbe : faisceaux : vue d'ensemble(210x)
114. C.T. du limbe : faisceaux de 1er ordre(526x)
115. C.T. du limbe : bord : détail(526x)
116. Epiderme foliaire : détail : contraste de phase (317x)

Planche 30-A : E. namaquensis Schrad. var. diplachnoides(Steud.) W.D. Clayton
117. C.T. du limbe : faisceaux : vue d'ensemble(210x)
118. C.T. du limbe : faisceaux de 1er ordre(526x)
119. C.T. du limbe : bord : détail(526x)
120. Epiderme foliaire : détail : contraste de phase (317x)

Planche 31-A : E. nindensis Ficalho & Hiern
121. C.T. du limbe : faisceaux : vue d'ensemble(210x)

122. C.T. du limbe : faisceaux de 1er ordre(526x)
123. C.T. du limbe : bord : détail(526x)
124. Epiderme foliaire : détail(317x)

Planche 32-A : E. olivacea K. Schum.
125. C.T. du limbe : faisceaux : vue d'ensemble(210x)
126. C.T. du limbe : faisceaux de 1er ordre(526x)
127. C.T. du limbe : bord : détail(526x)
128. Epiderme foliaire : détail : contraste de phase (317x)

Planche 33-A : E. paniciformis (A. Br.) Steud.
129. C.T. du limbe : faisceaux : vue d'ensemble(210x)
130. C.T. du limbe : faisceaux de 1er ordre(526x)
131. C.T. du limbe : bord : détail(526x)
132. Epiderme foliaire : détail(317x)

Planche 34-A : E. patens Oliv.
133. C.T. du limbe : faisceaux : vue d'ensemble(210x)
134. C.T. du limbe : faisceaux de 1er ordre(526x)
135. C.T. du limbe : bord : détail(526x)
136. Epiderme foliaire : détail : contraste de phase (317x)

Planche 35-A : E. pilosa (L.) P. Beauv.
137. C.T. du limbe : faisceaux : vue d'ensemble(210x)
138. C.T. du limbe : faisceaux de 1er ordre(526x)
139. C.T. du limbe : bord : détail(526x)
140. Epiderme foliaire : détail : contraste de phase (317x)

Planche 36-A : E. purigluma C.E. Hubbard
141. C.T. du limbe : faisceaux : vue d'ensemble(210x)
142. C.T. du limbe : faisceaux de 1er ordre(526x)
143. C.T. du limbe : bord : détail(526x)
144. Epiderme foliaire : détail : contraste de phase (317x)

Planche 37-A : E. prolifera (Sw.) Steud.
145. C.T. du limbe : faisceaux : vue d'ensemble(210x)
146. C.T. du limbe : faisceaux de 1er ordre(526x)

147. C.T. du limbe : bord : détail(526x)
148. Epiderme foliaire : détail : contraste de phase (317x)

Planche 38-A : E. racemosa (Thunb.) Steud.
149. C.T. du limbe : faisceaux : vue d'ensemble(210x)
150. C.T. du limbe : faisceaux de 1er ordre(526x)
151. C.T. du limbe : bord : détail(526x)
152. Epiderme foliaire : détail(317x)

Planche 39-A : E. rejuvenescens Rendle
153. C.T. du limbe : faisceaux : vue d'ensemble(210x)
154. C.T. du limbe : faisceaux de 1er ordre(526x)
155. C.T. du limbe : bord : détail(526x)
156. Epiderme foliaire : détail : contraste de phase (317x)

Planche 40-A : E. schweinfurthii Chiov.
157. C.T. du limbe : faisceaux : vue d'ensemble(210x)
158. C.T. du limbe : faisceaux de 1er ordre(526x)
159. C.T. du limbe : bord : détail(526x)
160. Epiderme foliaire : détail : contraste de phase (317x)

Planche 41-A : E. sclerantha Nees ssp. villosipes (Jedw.) de Winter
161. C.T. du limbe : faisceaux : vue d'ensemble(210x)
162. C.T. du limbe : faisceaux de 1er ordre(526x)
163. C.T. du limbe : bord : détail(526x)
164. Epiderme foliaire : détail : contraste de phase (317x)

Planche 42-A : E. scotelliana Rendle
165. C.T. du limbe : faisceaux : vue d'ensemble(210x)
166. C.T. du limbe : faisceaux de 1er ordre(526x)
167. C.T. du limbe : bord : détail(526x)
168. Epiderme foliaire : détail : contraste de phase (317x)

Planche 43-A : E. setulifera Pilg.
169. C.T. du limbe : faisceaux : vue d'ensemble(210x)

170. C.T. du limbe : faisceaux de 1er ordre(526x)
171. C.T. du limbe : bord : détail(526x)
172. Epiderme foliaire : détail : contraste de phase (317x)

Planche 44-A : E. squamata (Lam.) Steud.
173. C.T. du limbe : faisceaux : vue d'ensemble(210x)
174. C.T. du limbe : faisceaux de 1er ordre(526x)
175. C.T. du limbe : bord : détail(526x)
176. Epiderme foliaire : détail : contraste de phase (317x)

Planche 45-A : E. superba Peyr.
177. C.T. du limbe : faisceaux : vue d'ensemble(210x)
178. C.T. du limbe : faisceaux de 1er ordre(526x)
179. C.T. du limbe : bord : détail(526x)
180. Epiderme foliaire : détail : contraste de phase (317x)

Planche 46-A : E. tef (Zucc.) Trotter
181. C.T. du limbe : faisceaux : vue d'ensemble(210x)
182. C.T. du limbe : faisceaux de 1er ordre(526x)
183. C.T. du limbe : bord : détail(526x)
184. Epiderme foliaire : détail : contraste de phase (317x)

Planche 47-A : E. tenella (L.) Roem. & Schult.
185. C.T. du limbe : faisceaux : vue d'ensemble(210x)
186. C.T. du limbe : faisceaux de 1er ordre(526x)
187. C.T. du limbe : bord : détail(526x)
188. Epiderme foliaire : détail : contraste de phase (317x)

Planche 48-A : E. tenuifolia (A. Rich.) Steud.
189. C.T. du limbe : faisceaux : vue d'ensemble(210x)
190. C.T. du limbe : faisceaux de 1er ordre(526x)
191. C.T. du limbe : bord : détail(526x)
192. Epiderme foliaire : détail : contraste de phase (317x)

Planche 49-A : E. tholloni Franch.

193. C.T. du limbe : faisceaux : vue d'ensemble(210x)
194. C.T. du lumbe : faisceaux de 1er ordre(526x)
195. C.T. du limbe : bord : détail(526x)
196. Epiderme foliaire : détail(317x)

Planche 50-A : E. tremula (Lam.) Hochst ex Steud.
197. C.T. du limbe : faisceaux : vue d'ensemble(210x)
198. C.T. du limbe : faisceaux de 1er ordre(526x)
199. C.T. du limbe : bord : détail(526x)
200. Epiderme foliaire : détail : contraste de phase (317x)

Planche 51-A : E. turgida (Schumach.) De Wild.
201. C.T. du limbe : faisceaux : vue d'ensemble(210x)
202. C.T. du limbe : faisceaux de 1er ordre(526x)
203. C.T. du limbe : bord : détail(526x)
204. Epiderme foliaire : détail : contraste de phase (317x)

Planche 52-A : E. viscosa (Retz.) Trin.
205. C.T. du limbe : faisceaux : vue d'ensemble(210x)
206. C.T. du limbe : faisceaux de 1er ordre(526x)
207. C.T. du limbe : bord : détail(526x)
208. Epiderme foliaire : détail(317x)

Planche 53-A : E. volkensii Pilg.
209. C.T. du limbe : faisceaux : vue d'ensemble(210x)
210. C.T. du limbe : faisceaux de 1er ordre(526x)
211. C.T. du limbe : bord : détail(526x)
212. Epiderme foliaire : détail : contraste de phase (317x)

Planche 54-A : E. welwitschii Rendle
213. C.T. du limbe : faisceaux : vue d'ensemble(210x)
214. C.T. du limbe : faisceaux de 1er ordre(526x)
215. C.T. du limbe : bord : détail(526x)
216. Epiderme foliaire : détail : contraste de phase (317x)

Planche 55-A : E. hispida K. Schum.
217. C.T. du limbe : faisceaux : vue d'ensemble(210x)

218. C.T. du limbe : faisceaux de 1er ordre(526x)
219. C.T. du limbe : bord : détail(526x)
220. Epiderme foliaire : détail : contraste de phase (317x)

Planche 1-B : E. aethiopica Chiov.
1. Epiderme foliaire : détail(360x)
2. C.T. du limbe : vue d'ensemble(75x)
3. C.T. du limbe : faisceaux : détail(337x)

Planche 2-B : E. arenicola C.E. Hubbard
4. Epiderme foliaire : détail(360x)
5. C.T. du limbe : vue d'ensemble(75x)
6. C.T. du limbe : faisceaux : détail(337x)

Planche 3-B : E. aspera (Jacq.) Nees
7. Epiderme foliaire : détail(360x)
8. C.T. du limbe : vue d'ensemble(75x)
9. C.T. du limbe : faisceaux : détail(337x)

Planche 4-B : E. atrovirens (Desf.) Trin. ex Steud.
10. Epiderme foliaire : détail(360x)
11. C.T. du limbe : vue d'ensemble(75x)
12. C.T. du limbe : faisceaux : détail(337x)

Planche 5-B : E. barteri C.E. Hubbard
13. Epiderme foliaire : détail(360x)
14. C.T. du limbe : vue d'ensemble(75x)
15. C.T. du limbe : faisceaux : détail(337x)

Planche 6-B : E. botryodes W.D. Clayton
16. Epiderme foliaire : détail(360x)
17. C.T. du limbe : vue d'ensemble(75x)
18. C.T. du limbe : faisceaux : détail(337x)

Planche 7-B : E. caespitosa Chiov.
19. Epiderme foliaire : détail(360x)
20. C.T. du limbe : vue d'ensemble(75x)
21. C.T. du limbe : faisceaux : détail(337x)

Planche 8-B : E. canescens C.E. Hubbard
22. Epiderme foliaire : détail(360x)
23. C.T. du limbe : vue d'ensemble(75x)
24. C.T. du limbe : faisceaux : détail(337x)

Planche 9-B : E. caniflora Rendle
25. Epiderme foliaire : détail(360x)

26. C.T. du limbe : vue d'ensemble(75x)
27. C.T. du limbe : faisceaux : détail(337x)

Planche 10-B : E. capensis (Thunb.) Trin.
28. Epiderme foliaire : détail(360x)
29. C.T. du limbe : vue d'ensemble(75x)
30. C.T. du limbe : faisceaux : détail(337x)

Planche 11-B : E. castellaneana Buscal. & Muschl.
31. Epiderme foliaire : détail(360x)
32. C.T. du limbe : vue d'ensemble(75x)
33. C.T. du limbe : faisceaux : détail(337x)

Planche 12-B : E. chapelieri (Kunth) Nees
34. Epiderme foliaire : détail(360x)
35. C.T. du limbe : vue d'ensemble(75x)
36. C.T. du limbe : faisceaux : détail(337x)

Planche 13-B : E. cilianensis (All.) Lut.
37. Epiderme foliaire : détail(360x)
38. C.T. du limbe : vue d'ensemble(75x)
39. C.T. du limbe : faisceaux : détail(337x)

Planche 14-B : E. ciliaris (L.) R. Br.
40. Epiderme foliaire : détail(360x)
41. C.T. du limbe : vue d'ensemble(75x)
42. C.T. du limbe : faisceaux : détail(337x)

Planche 15-B : E. congesta Oliv.
43. Epiderme foliaire : détail(360x)
44. C.T. du limbe : vue d'ensemble(75x)
45. C.T. du limbe : faisceaux : détail(337x)

Planche 16-B : E. curvula (Schrad.) Nees
46. Epiderme foliaire : détail(360x)
47. C.T. du limbe : vue d'ensemble(75x)
48. C.T. du limbe : faisceaux : détail(337x)

Planche 17-B : E. cylindrica Hochst.
49. Epiderme foliaire : détail(360x)
50. C.T. du limbe : vue d'ensemble(75x)
51. C.T. du limbe : faisceaux : détail(337x)

Planche 18-B : E. exasperata Peter
52. Epiderme foliaire : détail(360x)
53. C.T. du limbe : vue d'ensemble(75x)
54. C.T. du limbe : faisceaux : détail(337x)

Planche 19-B : E. gangetica (Roxb.) Steud.
55. Epiderme foliaire : détail(360x)
56. C.T. du limbe : vue d'ensemble(75x)
57. C.T. du limbe : faisceaux : détail(337x)

Planche 20-B : E. heteromera Stapf
58. Epiderme foliaire : détail(360x)
59. C.T. du limbe : vue d'ensemble(75x)
60. C.T. du limbe : faisceaux : détail(337x)

Planche 21-B : E.homblei De Wild.
61. Epiderme foliaire : détail(360x)
62. C.T. du limbe : vue d'ensemble(75x)
63. C.T. du limbe : faisceaux : détail(337x)

Planche 22-B : E. humidicola Napper
64. Epiderme foliaire : détail(360x)
65. C.T. du limbe : vue d'ensemble(75x)
66. C.T. du limbe : faisceaux : détail(337x)

Planche 23-B : E. inamoena K. Schum.
67. Epiderme foliaire : détail(360x)
68. C.T. du limbe : vue d'ensemble(75x)
69. C.T. du limbe : faisceaux : détail(337x)

Planche 24-B : E. kiwuensis Jedw.
70. Epiderme foliaire : détail(360x)
71. C.T. du limbe : vue d'ensemble(75x)
72. C.T. du limbe : faisceaux : détail(337x)

Planche 25-B : E. lappula Nees
73. Epiderme foliaire : détail(360x)
74. C.T. du limbe : vue d'ensemble(75x)
75. C.T. du limbe : faisceaux : détail(337x)

Planche 26-B : E. macilenta (A. Rich.) Steud.
76. Epiderme foliaire : détail(360x)

77. C.T. du limbe : vue d'ensemble(75x)
78. C.T. du limbe : faisceaux : détail(337x)

Planche 27-B : E. mildbraedii Pilg.
79. Epiderme foliaire : détail(360x)
80. C.T. du limbe : vue d'ensemble(75x)
81. C.T. du limbe : faisceaux : détail(337x)

Planche 28-B : E. mollior Pilg.
82. Epiderme foliaire : détail(360x)
83. C.T. du limbe : vue d'ensemble(75x)
84. C.T. du limbe : faisceaux : détail(337x)

Planche 29-B : E. namaquensis Schrad.
85. Epiderme foliaire : détail(360x)
86. C.T. du limbe : vue d'ensemble(75x)
87. C.T. du limbe : faisceaux : détail(337x)

Planche 30-B : E. namaquensis Schrad. var. diplachnoides (Steud.) W.D. Clayton
88. Epiderme foliaire : détail(360x)
89. C.T. du limbe : vue d'ensemble(75x)
90. C.T. du limbe : faisceaux : détail(337x)

Planche 31-B : E. nindensis Ficalho & Hiern
91. Epiderme foliaire : détail(360x)
92. C.T. du limbe : vue d'ensemble(75x)
93. C.T. du limbe : faisceaux : détail(337x)

Planche 32-B : E. olivacea K. Schum.
94. Epiderme foliaire : détail(360x)
95. C.T. du limbe : vue d'ensemble(75x)
96. C.T. du limbe : faisceaux : détail(337x)

Planche 33-B : E. paniciformis (A. Br.) Steud.
97. Epiderme foliaire : détail(360x)
98. C.T. du limbe : vue d'ensemble(75x)
99. C.T. du limbe : faisceaux : détail(337x)

Planche 34-B : E. patens Oliv.
100. Epiderme foliaire : détail(360x)
101. C.T. du limbe : vue d'ensemble(75x)

102. C.T. du limbe : faisceaux : détail(337x)

Planche 35-B : E. pilosa (L.) P. Beauv.
103. Epiderme foliaire : détail(360x)
104. C.T. du limbe : vue d'ensemble(75x)
105. C.T. du limbe : faisceaux : détail(337x)

Planche 36-B : E. plurigluma C.E. Hubbard
106. Epiderme foliaire : détail(360x)
107. C.T. du limbe : vue d'ensemble(75x)
108. C.T. du limbe : faisceaux : détail(337x)

Planche 37-B : E. prolifera (Sw.) Steud.
109. Epiderme foliaire : détail(360x)
110. C.T. du limbe : vue d'ensemble(75x)
111. C.T. du limbe : faisceaux : détail(337x)

Planche 38-B : E. racemosa (Thunb.) Steud.
112. Epiderme foliaire : détail(360x)
113. C.T. du limbe : vue d'ensemble(75x)
114. C.T. du limbe : faisceaux : détail(337x)

Planche 39-B : E. rejuvenescens Rendle
115. Epiderme foliaire : détail(360x)
116. C.T. du limbe : vue d'ensemble(75x)
117. C.T. du limbe : faisceaux : détail(337x)

Planche 40-B : E. schweinfurthii Chiov.
118. Epiderme foliaire : détail(360x)
119. C.T. du limbe : vue d'ensemble(75x)
120. C.T. du limbe : faisceaux : détail(337x)

Planche 41-B : E. sclerantha Nees ssp. villosipes (Jedw.) de Winter
121. Epiderme foliaire : détail(360x)
122. C.T. du limbe : vue d'ensemble(75x)
123. C.T. du limbe : faisceaux : détail(337x)

Planche 42-B : E. scotelliana Rendle
124. Epiderme foliaire : détail(360x)
125. C.T. du limbe : vue d'ensemble(75x)
126. C.T. du limbe : faisceaux : détail(337x)

Planche 43-B : E. setulifera Pilg.
127. Epiderme foliaire : détail(360x)
128. C.T. du limbe : vue d'ensemble(75x)
129. C.T. du limbe : faisceaux : détail(337x)

Planche 44-B : E. squamata (Lam.) Steud.
130. Epiderme foliaire : détail(360x)
131. C.T. du limbe : vue d'ensemble(75x)
132. C.T. du limbe : faisceaux : détail(337x)

Planche 45-B : E. superba Peyr.
133. Epiderme foliaire : détail(360x)
134. C.T. du limbe : vue d'ensemble(75x)
135. C.T. du limbe : faisceaux : détail(337x)

Planche 46-B : E. tef (Zucc.) Trotter
136. Epiderme foliaire : détail(360x)
137. C.T. du limbe : vue d'ensemble(75x)
138. C.T. du limbe : faisceaux : détail(337x)

Planche 47-B : E. tenella (L.) Roem. & Schult.
139. Epiderme foliaire : détail(360x)
140. C.T. du limbe : vue d'ensemble(75x)
141. C.T. du limbe : faisceaux : détail(337x)

Planche 48-B : E. tenuifolia (A. Rich.) Steud.
142. Epiderme foliaire : détail(360x)
143. C.T. du limbe : vue d'ensemble(75x)
144. C.T. du limbe : faisceaux : détail(337x)

Planche 49-B : E. tholloni Franch.
145. Epiderme foliaire : détail(360x)
146. C.T. du limbe : vue d'ensemble(75x)
147. C.T. du limbe : faisceaux : détail(337x)

Planche 50-B : E. tremula (Lam.) Hochst ex Steud.
148. Epiderme foliaire : détail(360x)
149. C.T. du limbe : vue d'ensemble(75x)
150. C.T. du limbe : faisceaux : détail(337x)

Planche 51-B : E. turgida (Schumach.) De Wild.
151. Epiderme foliaire : détail(360x)

152. C.T. du limbe : vue d'ensemble(75x)
153. C.T. du limbe : faisceaux : détail(337x)

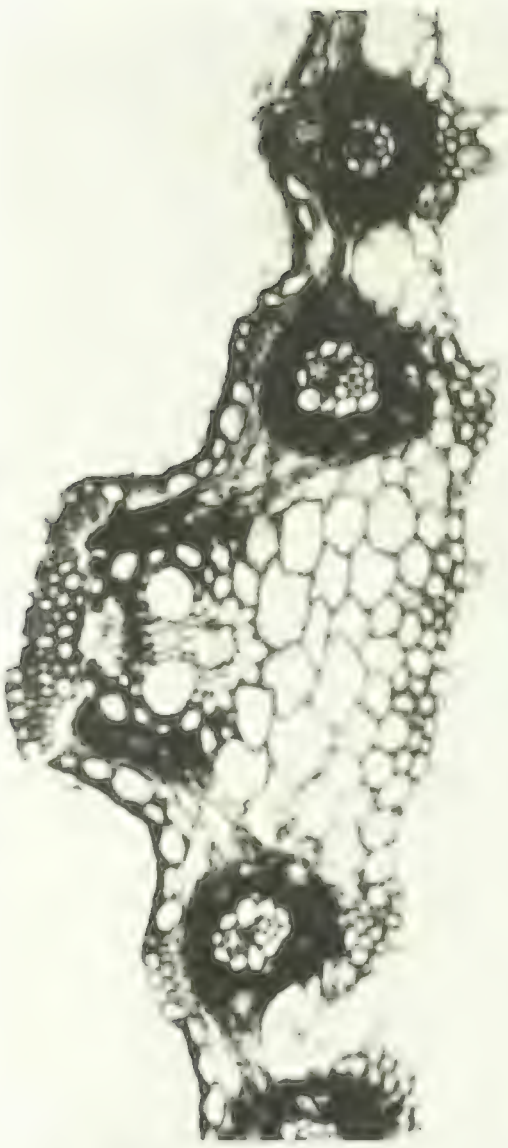
Planche 52-B : E. viscosa (Retz.) Trin.
154. Epiderme foliaire : détail(360x)
155. C.T. du limbe : vue d'ensemble(75x)
156. C.T. du limbe : faisceaux : détail(337x)

Planche 53-B : E. volkensii Pilg.
157. Epiderme foliaire : détail(360x)
158. C.T. du limbe : vue d'ensemble(75x)
159. C.T. du limbe : faisceaux : détail(337x)

Planche 54-B : E. welwitschii Rendle
160. Epiderme foliaire : détail(360x)
161. C.T. du limbe : vue d'ensemble(75x)
162. C.T. du limbe : faisceaux : détail(337x)

Planche 55-B : E. hispida K. Schum.
163. Epiderme foliaire : détail(360x)
164. C.T. du limbe : vue d'ensemble(75x)
165. C.T. du limbe : faisceaux : détail(337x)

PLANCHE 1-A



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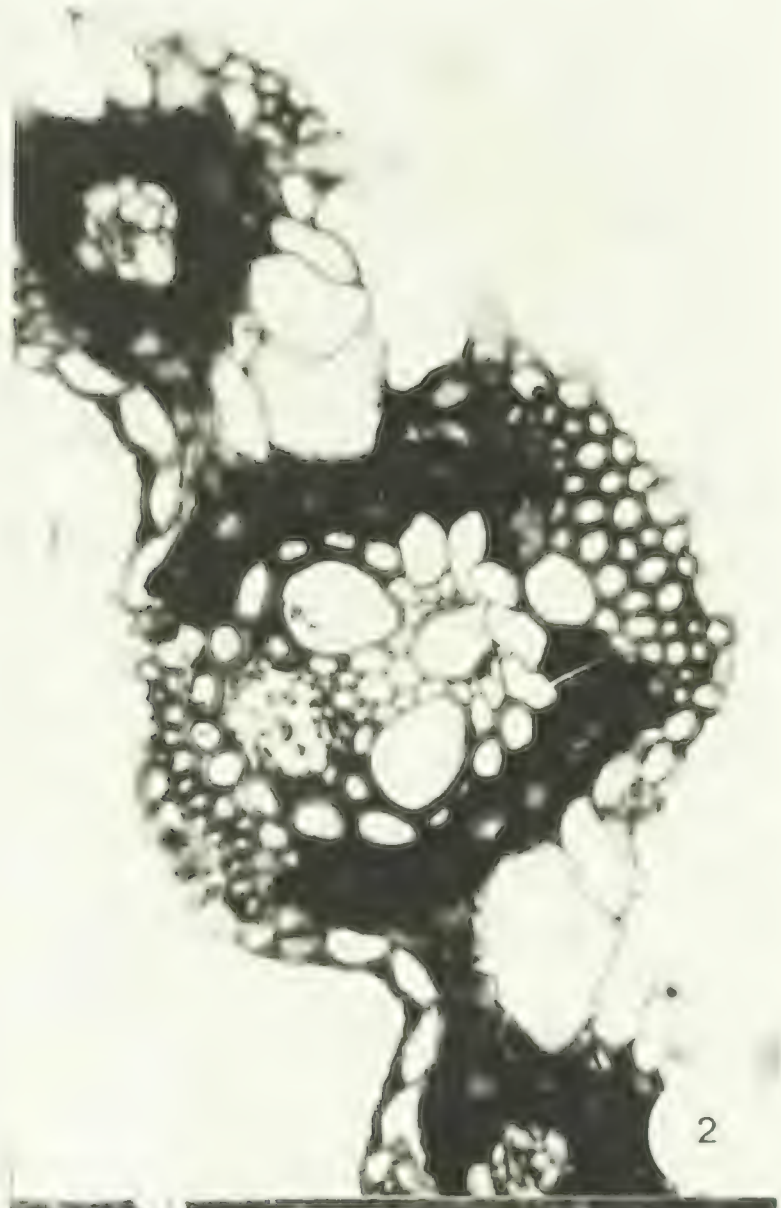

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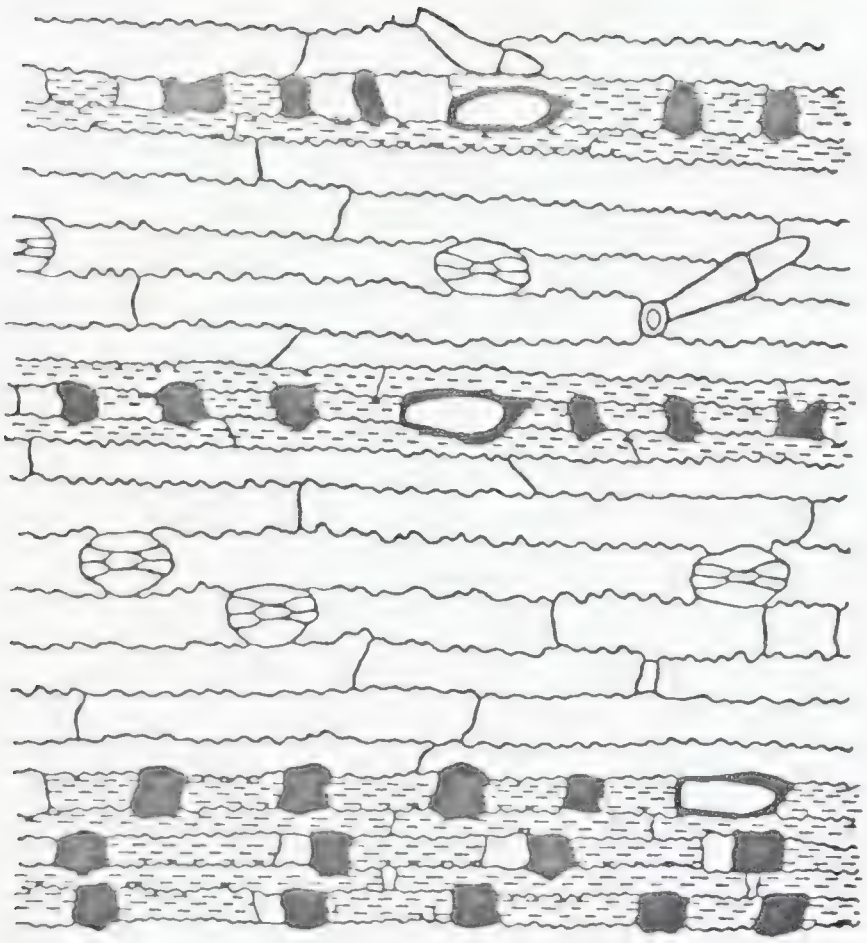
PLANCHE 1-B



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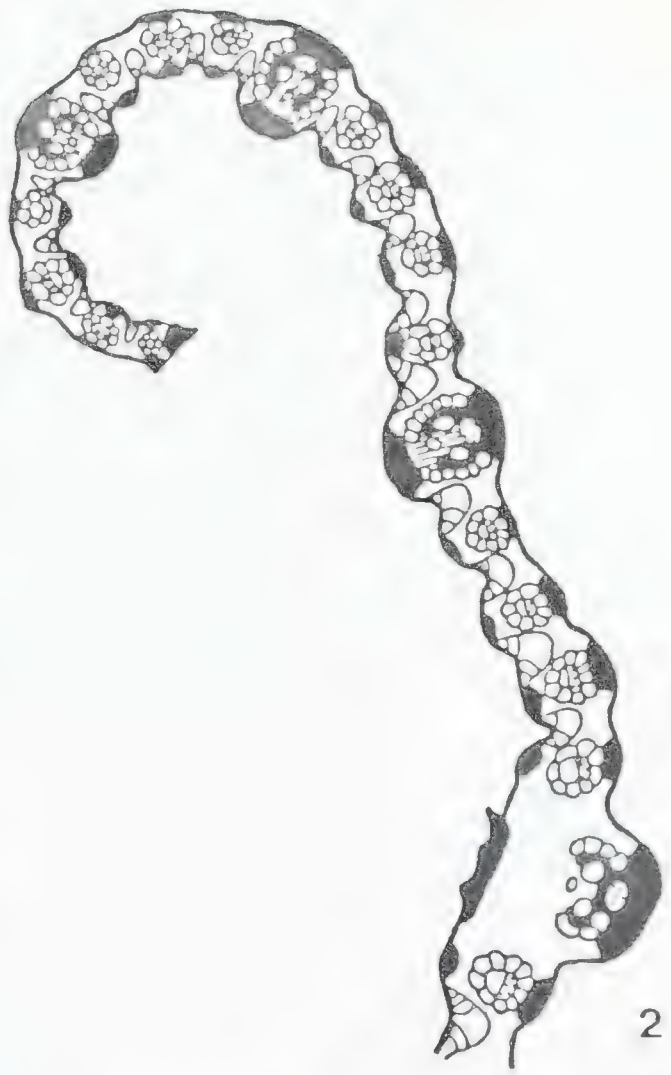

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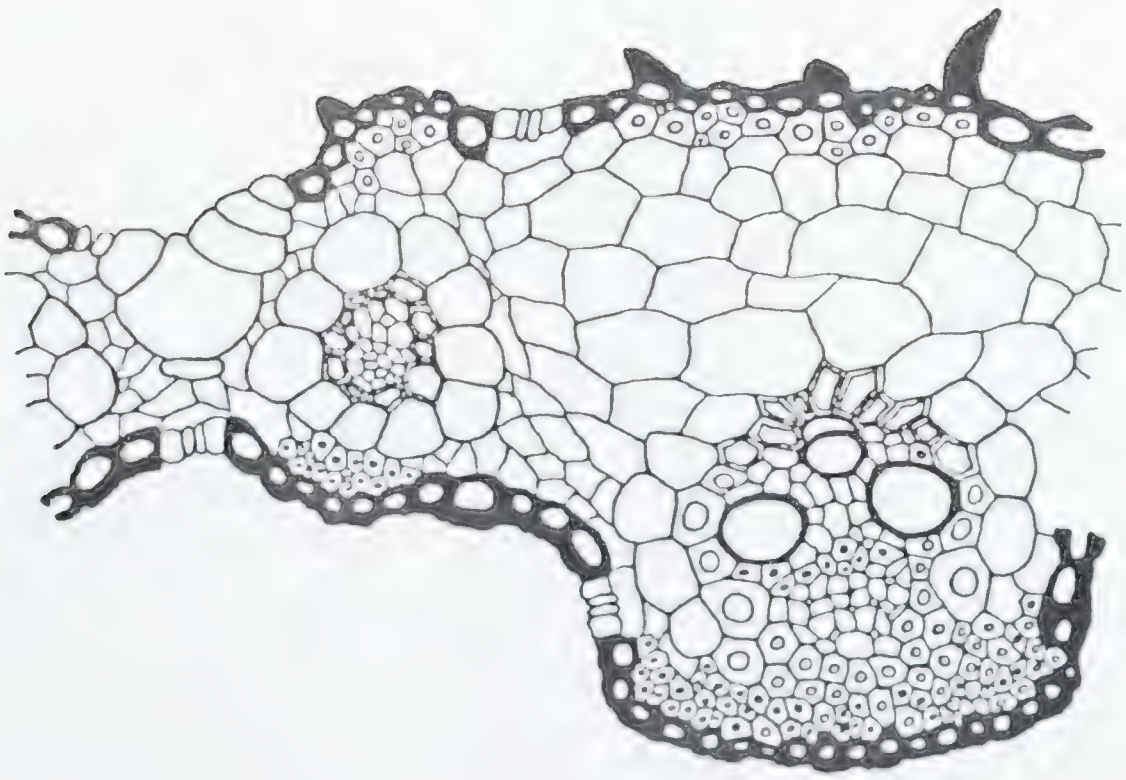

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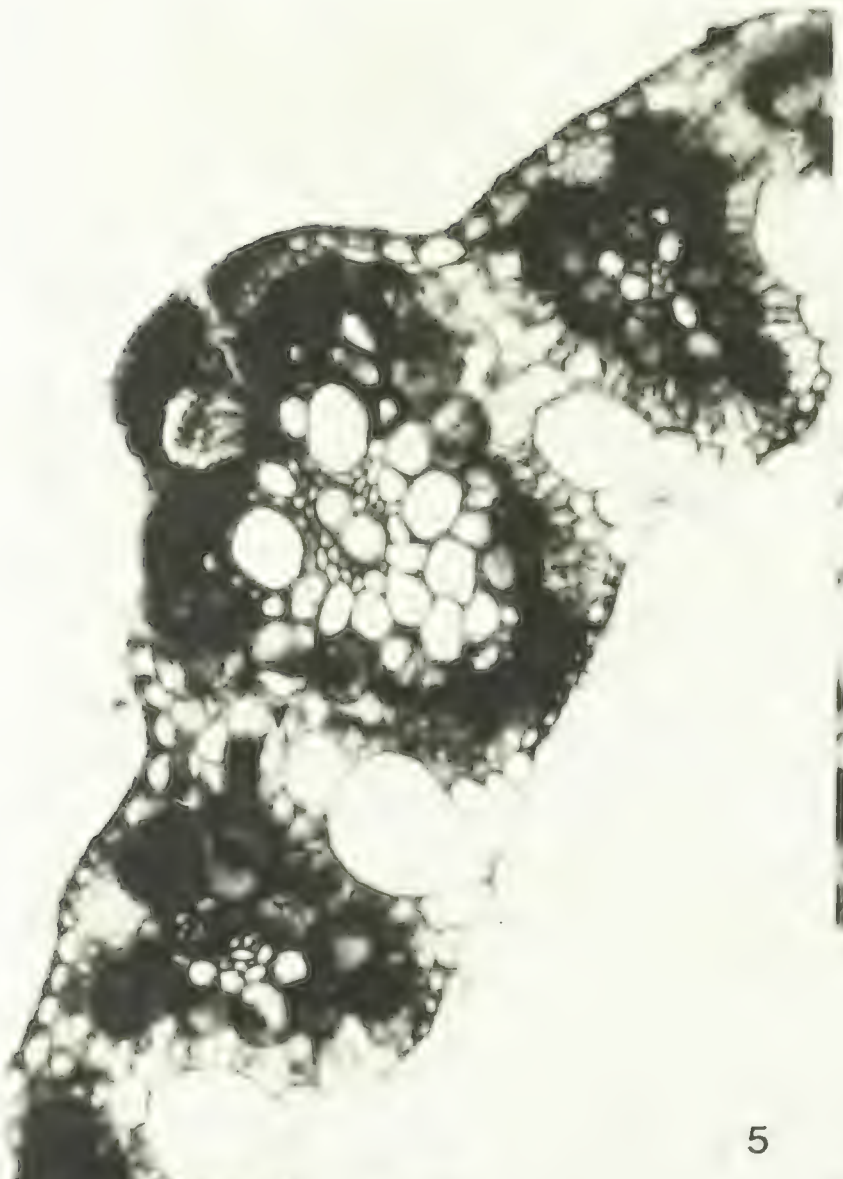
PLANCHE 2-A



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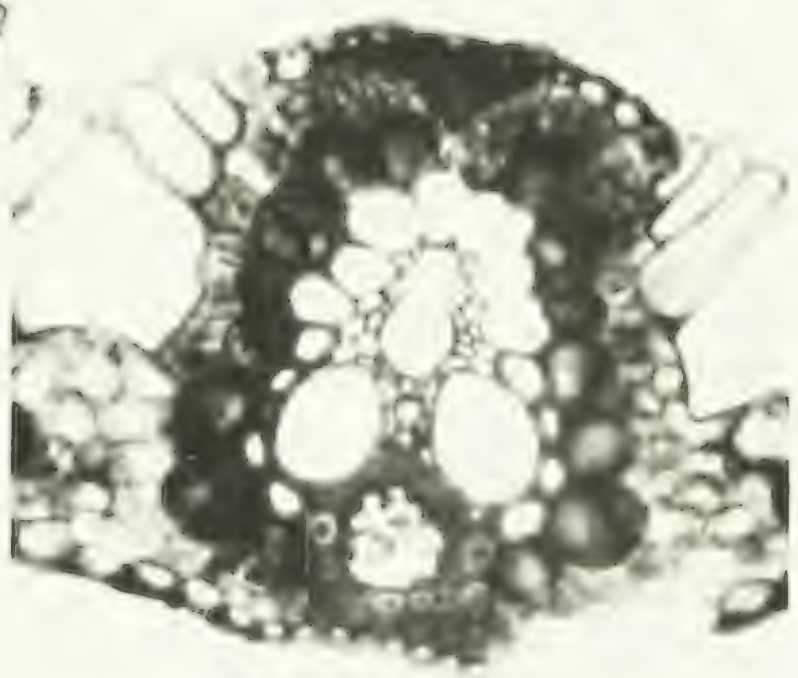

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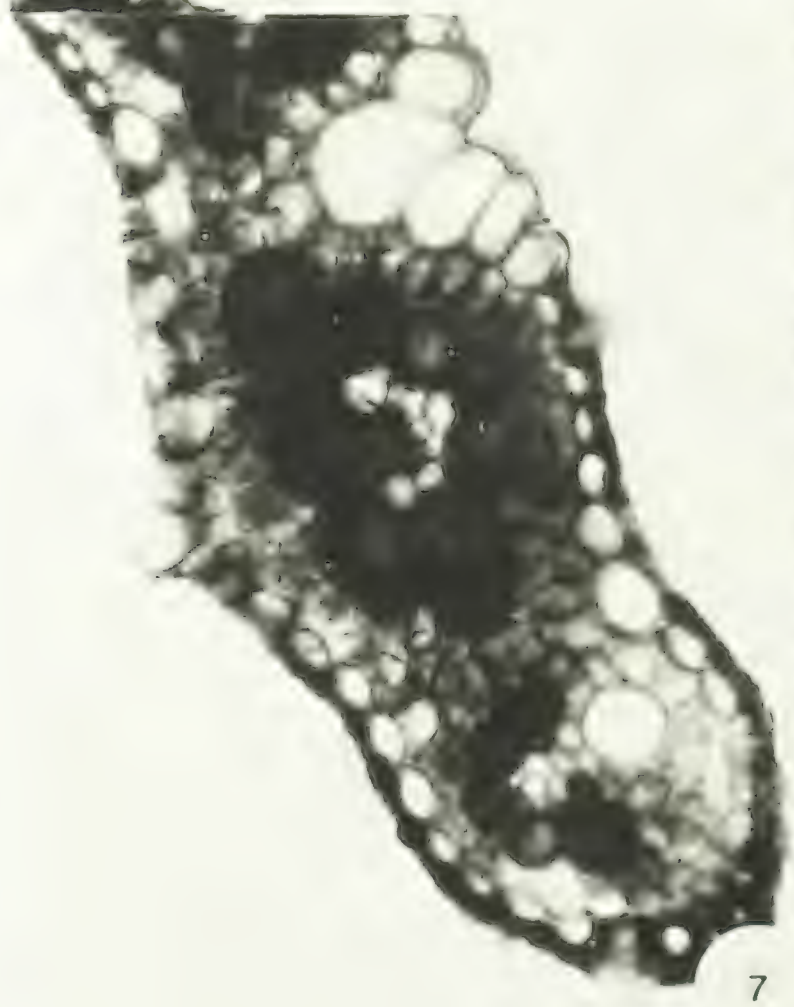

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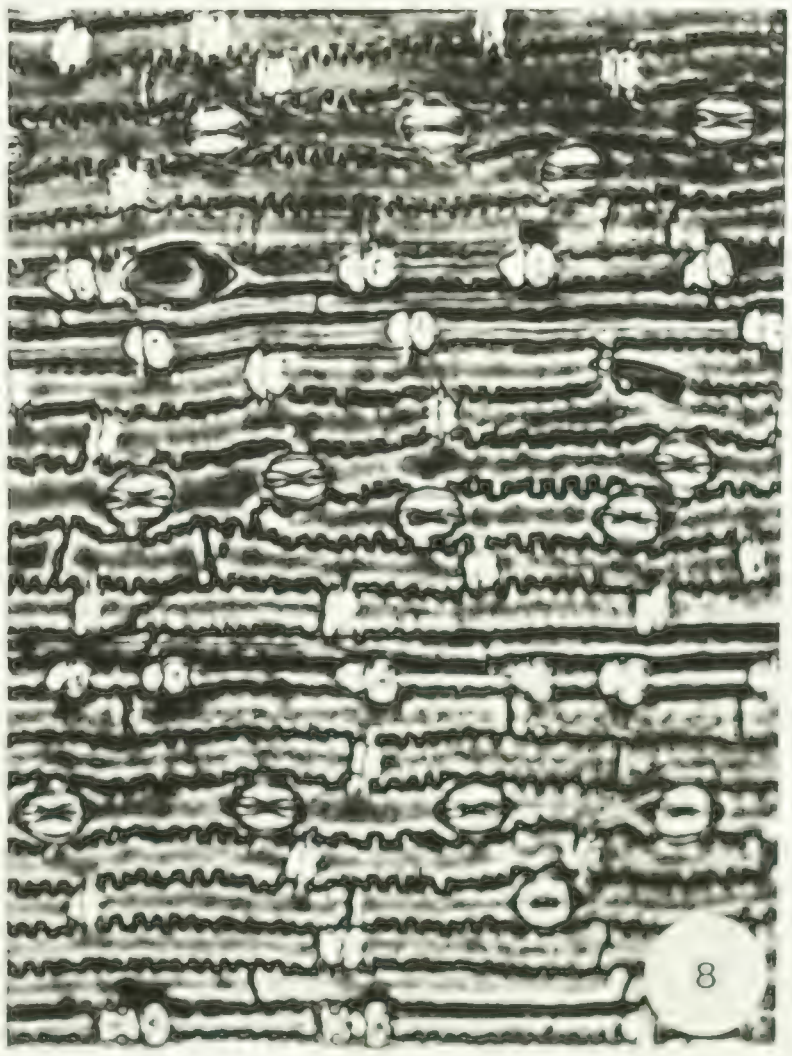

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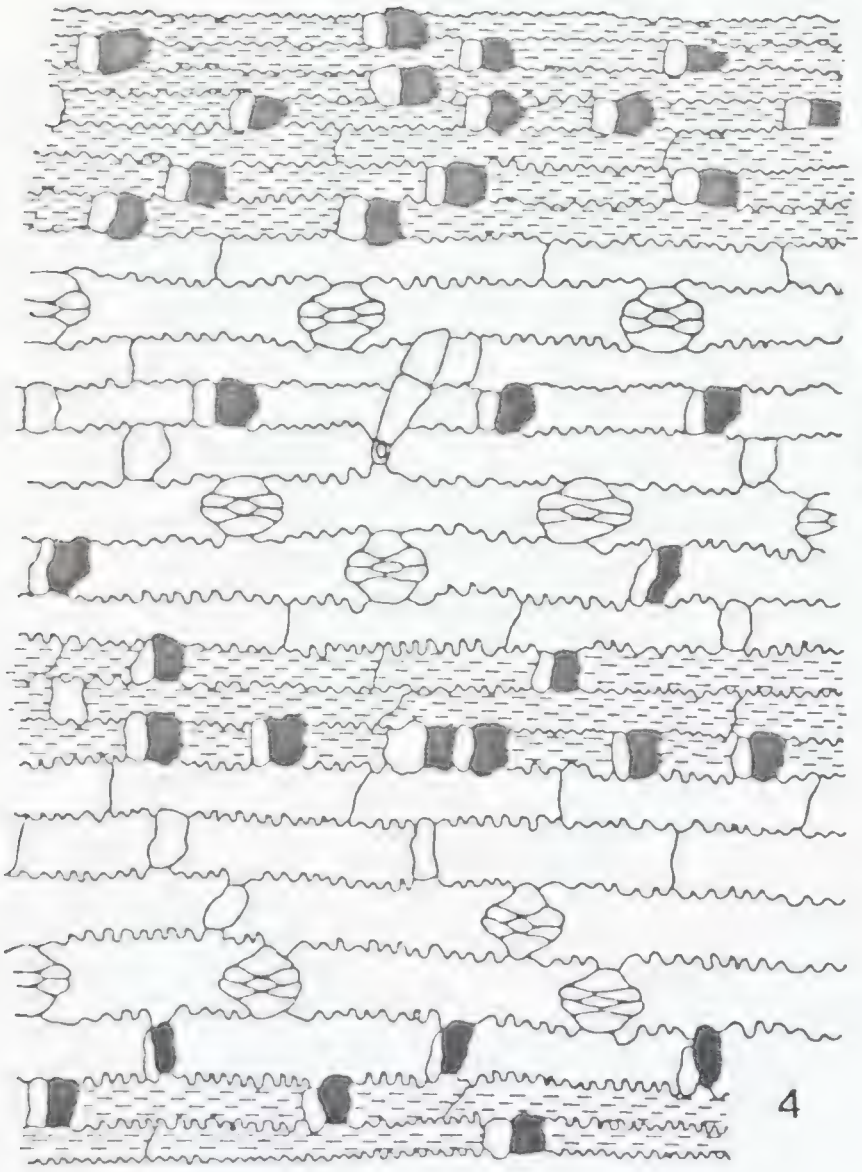
PLANCHE 2-B



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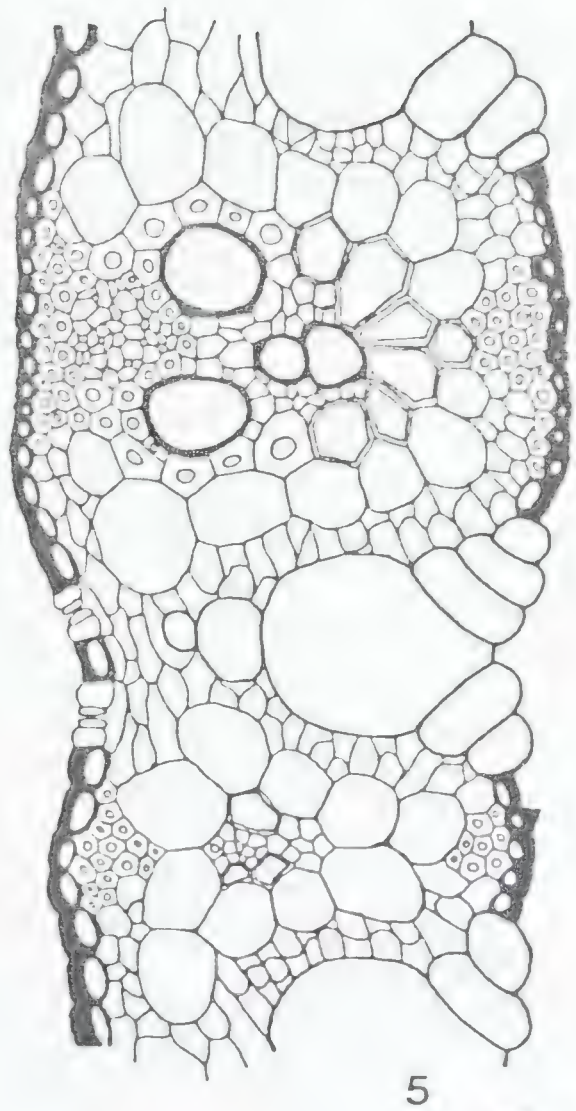

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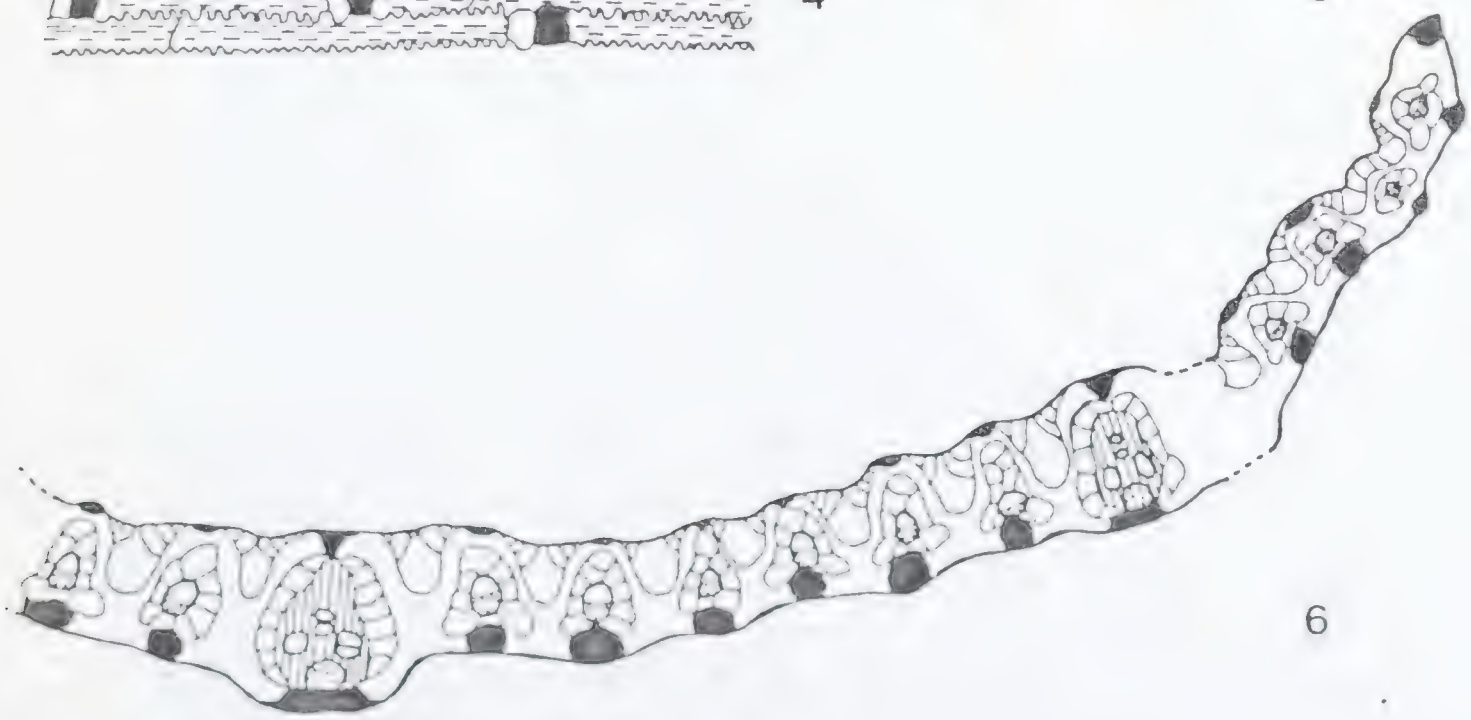

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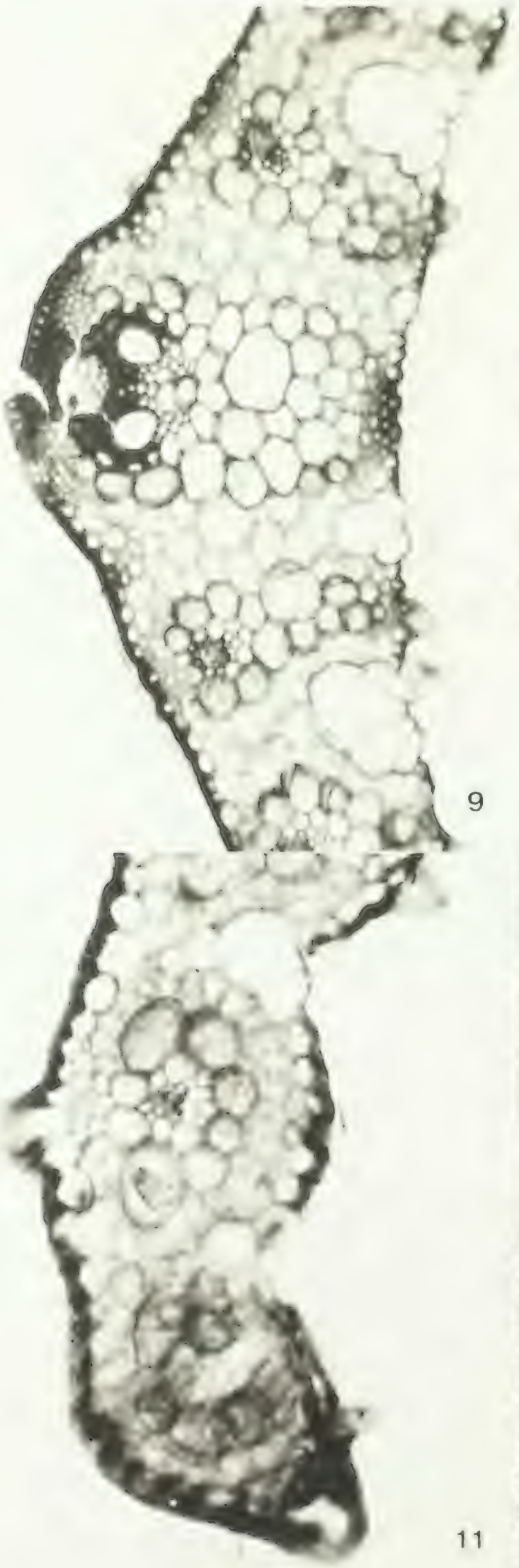
PLANCHE 3-A



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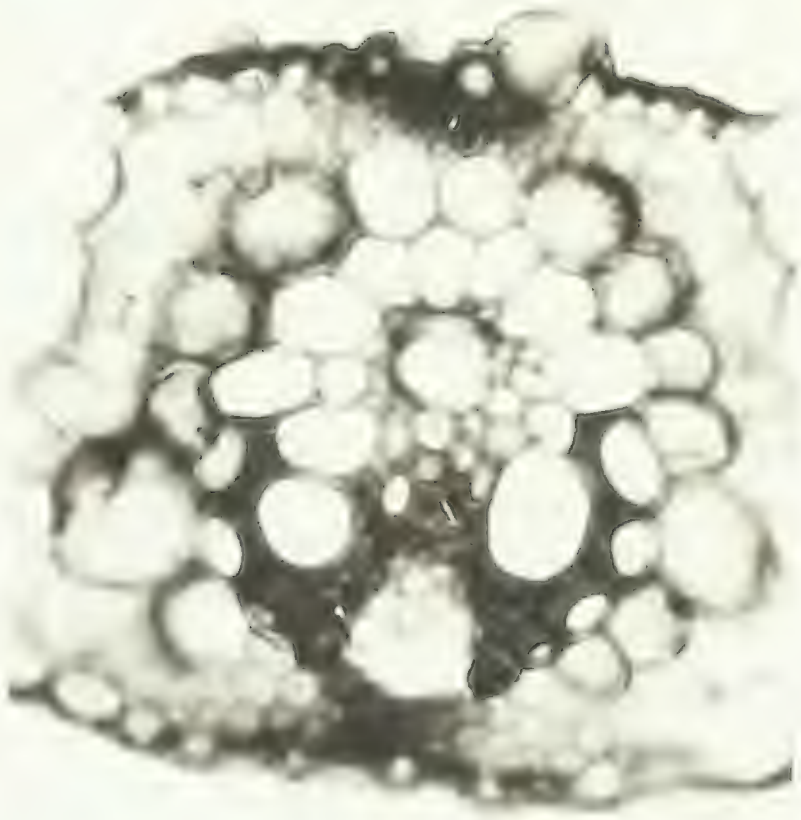

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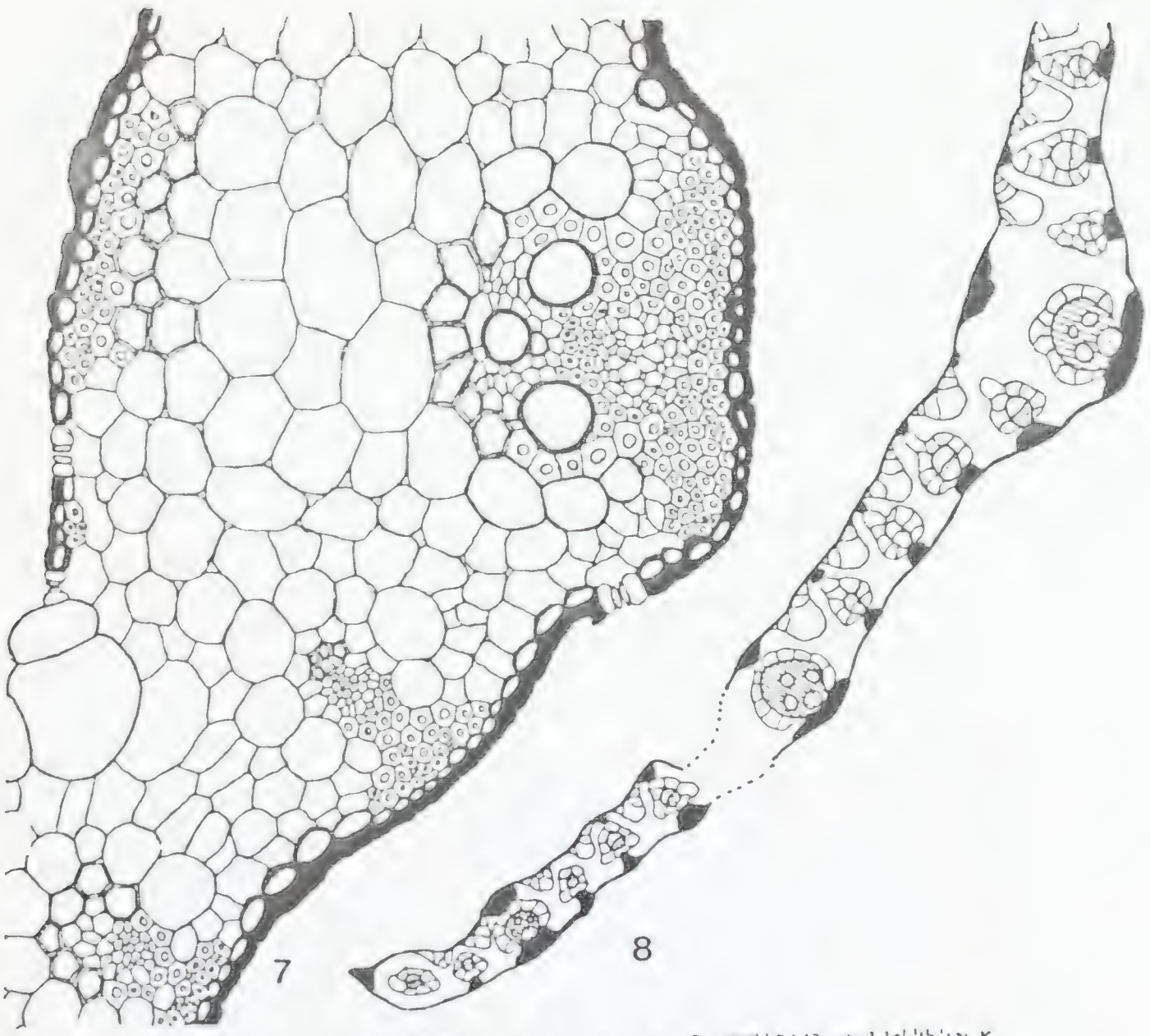
PLANCHE 3-B



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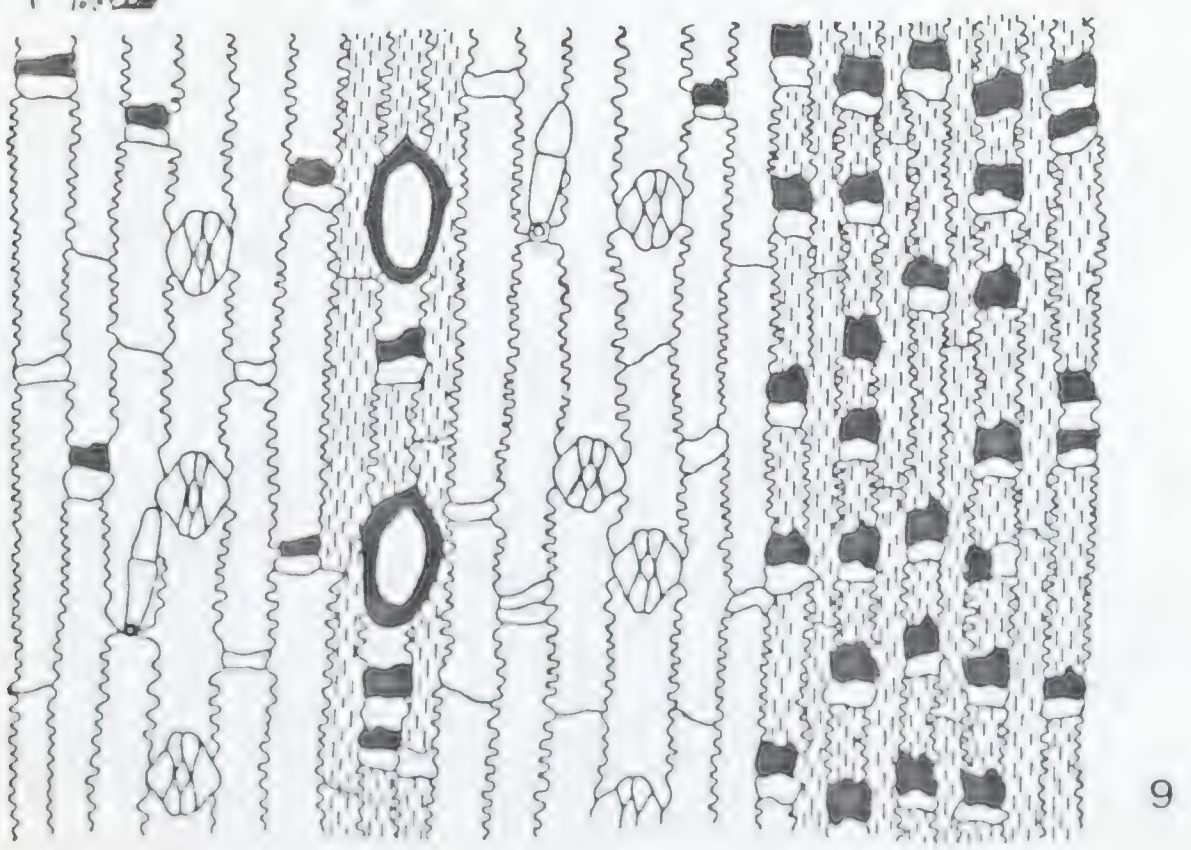
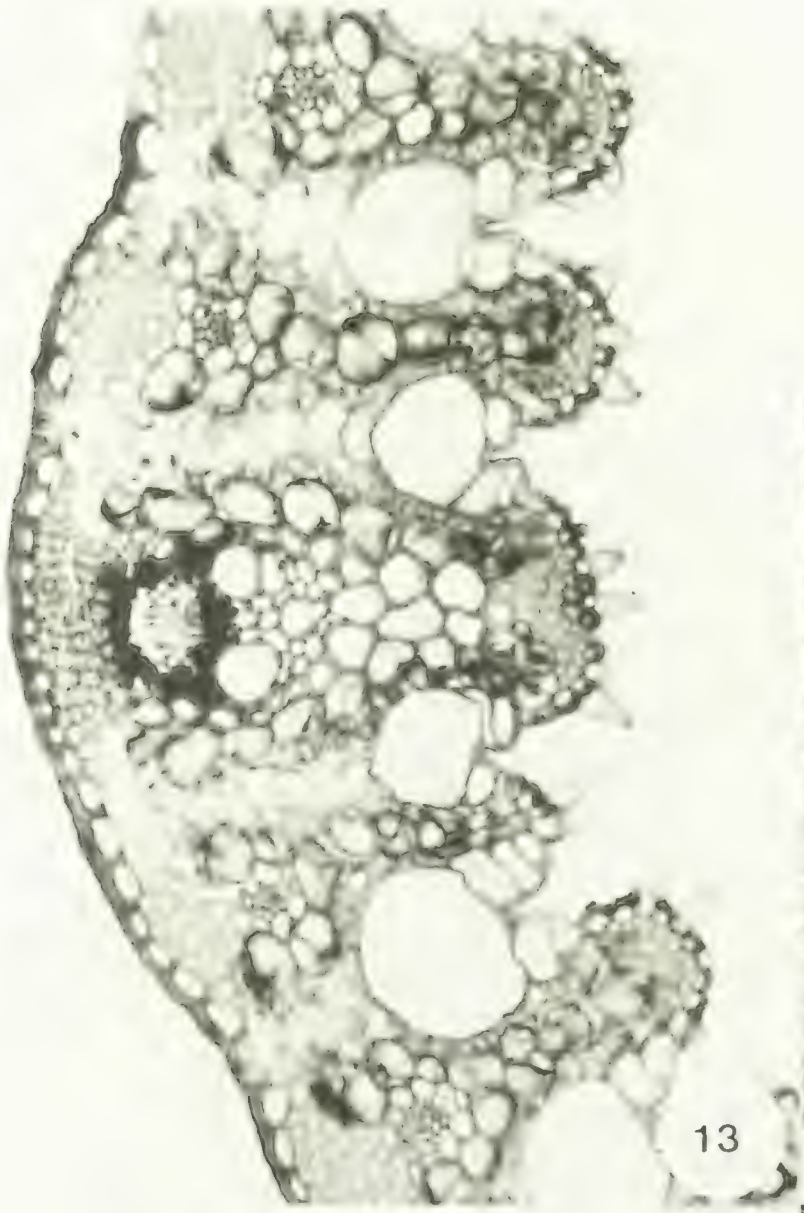


9

E. spicata

PLANCHE 4-A



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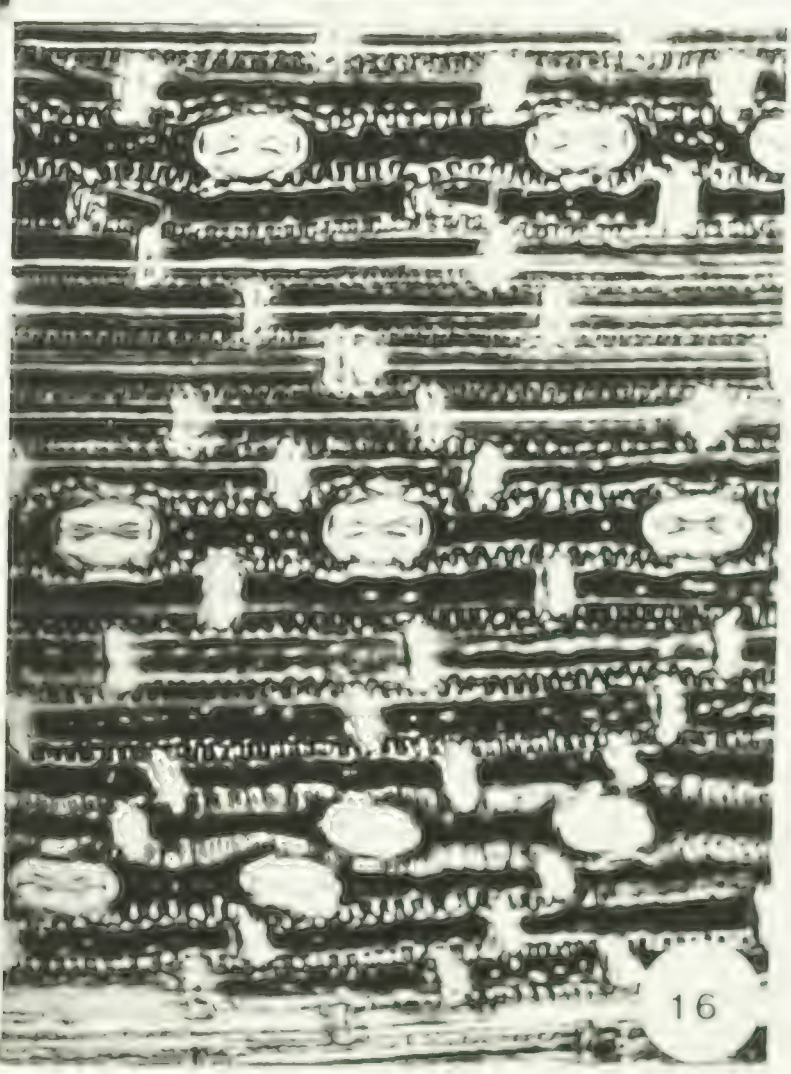

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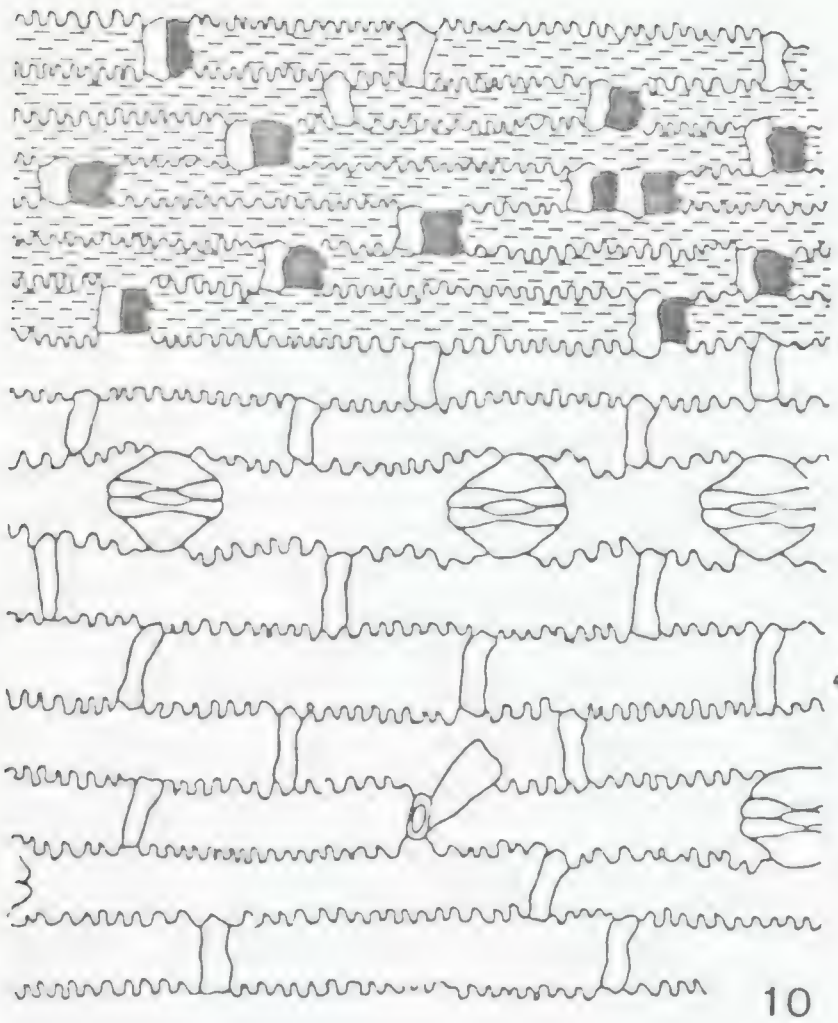
PLANCHE 4-B



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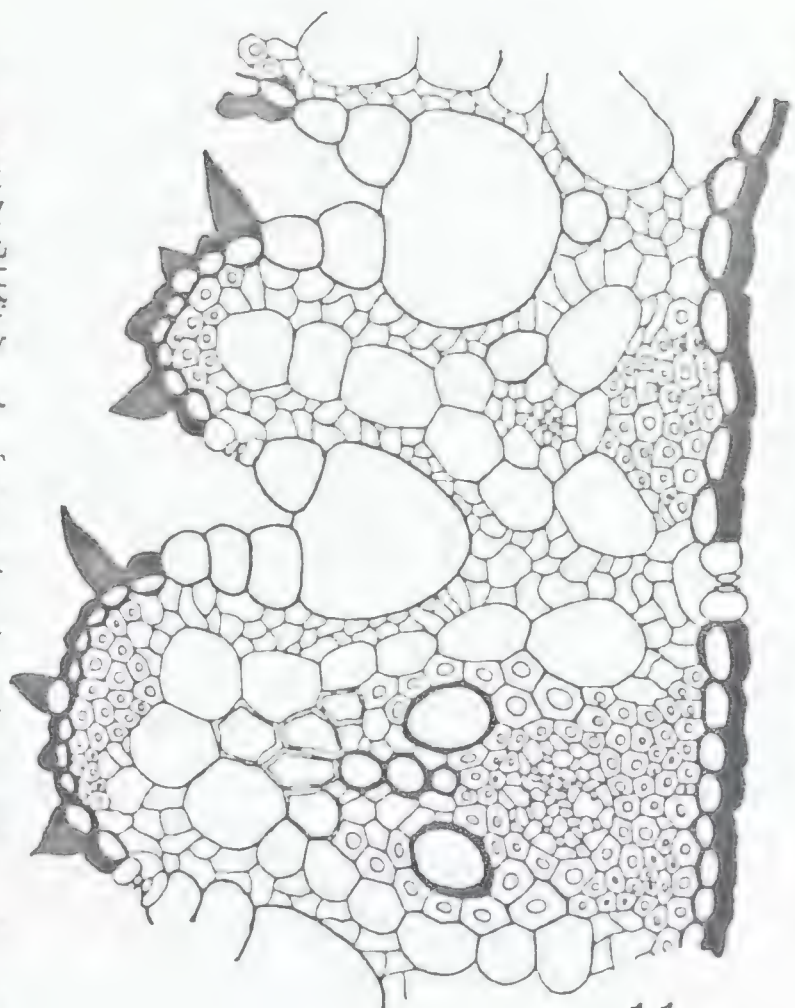

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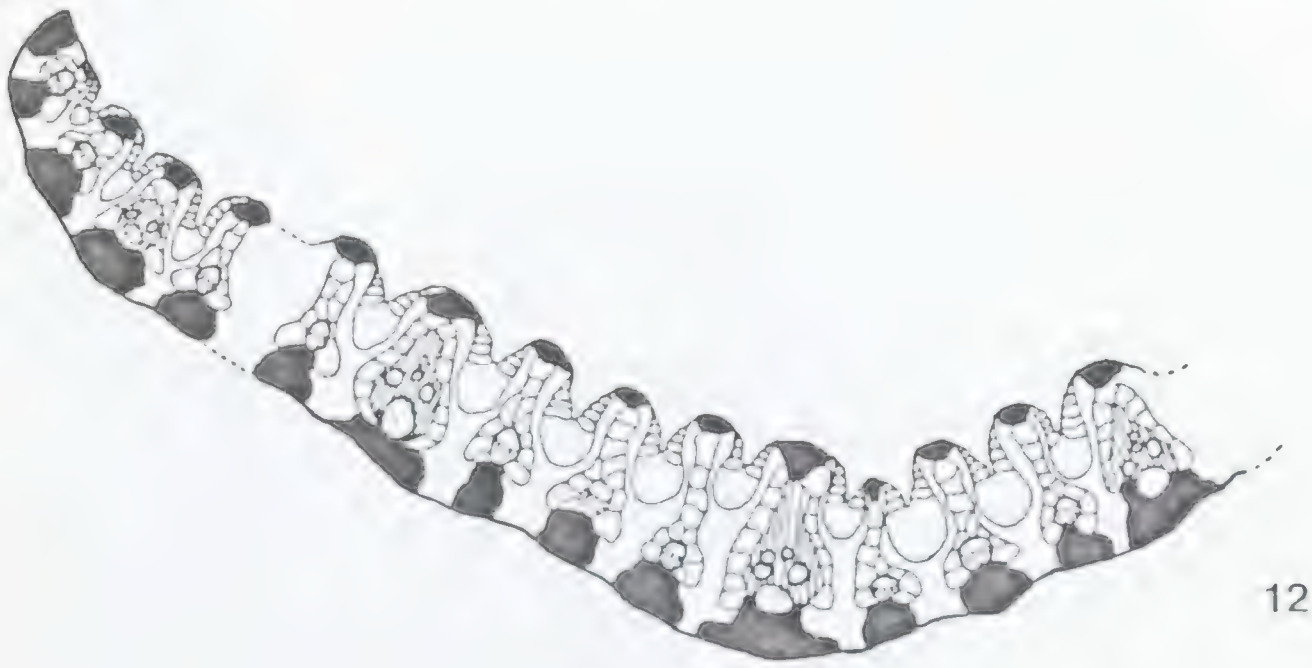

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PLANCHE 5-A

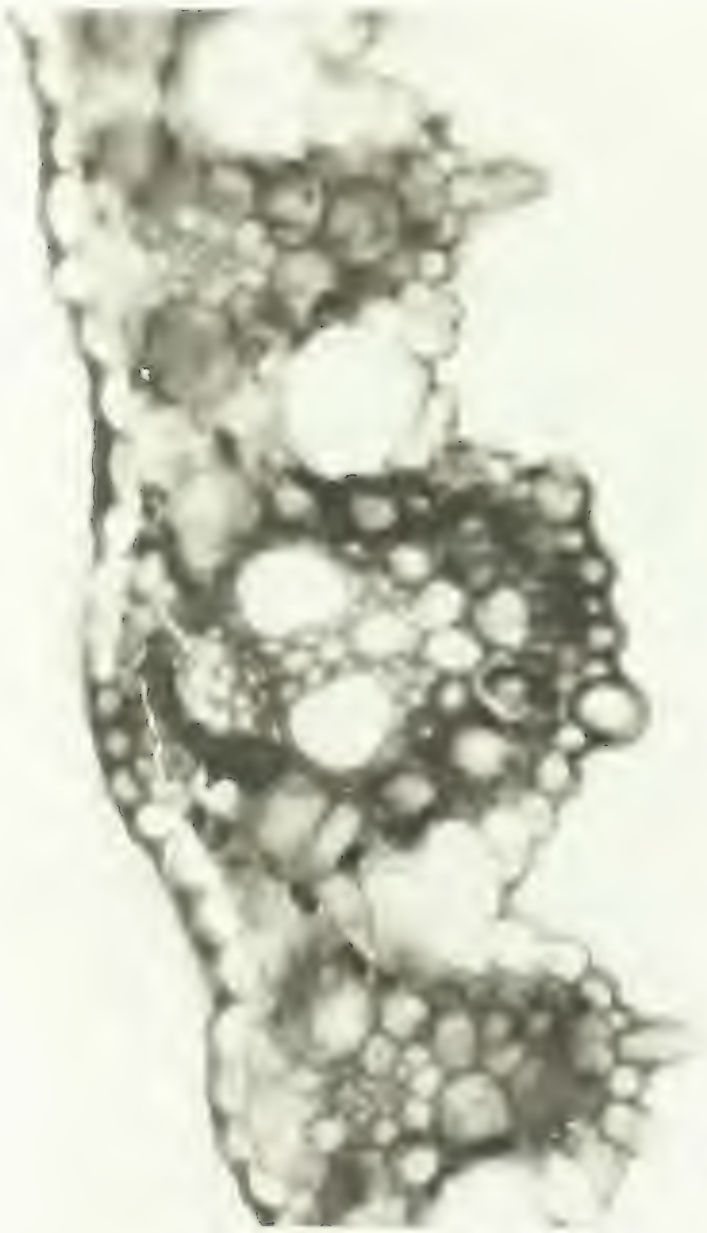

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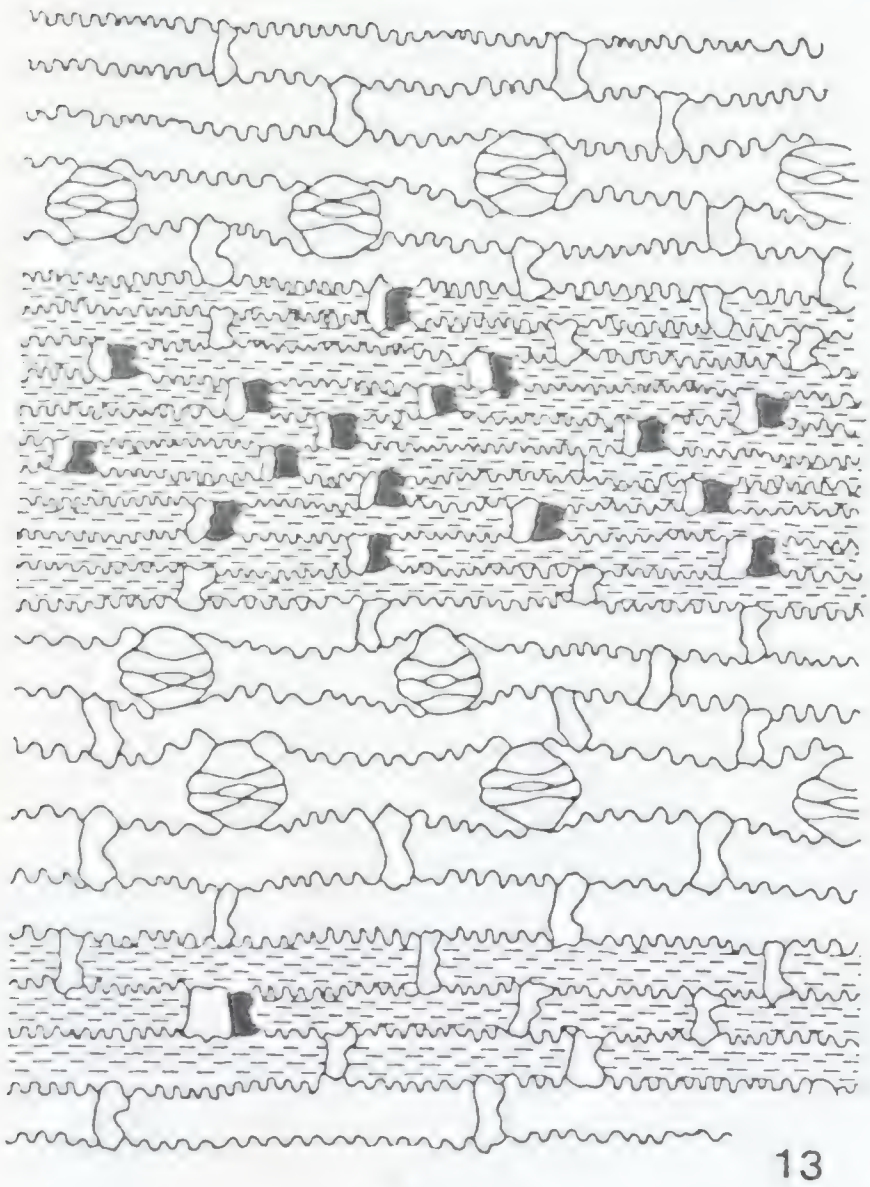
PLANCHE 5-B



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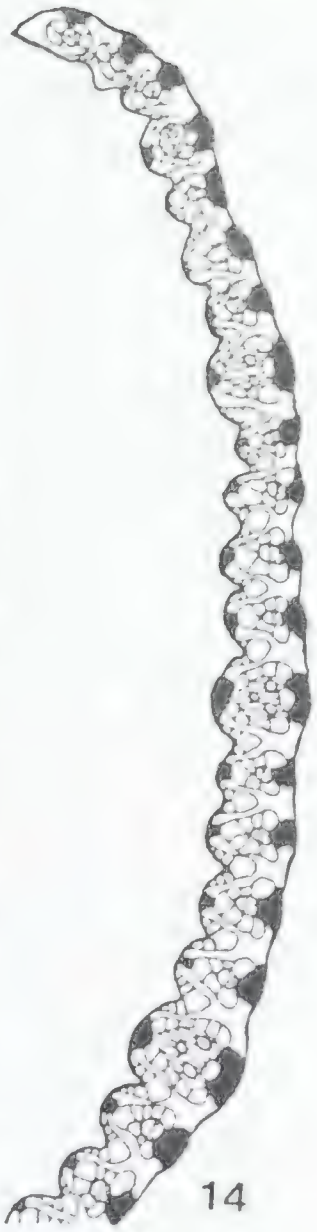

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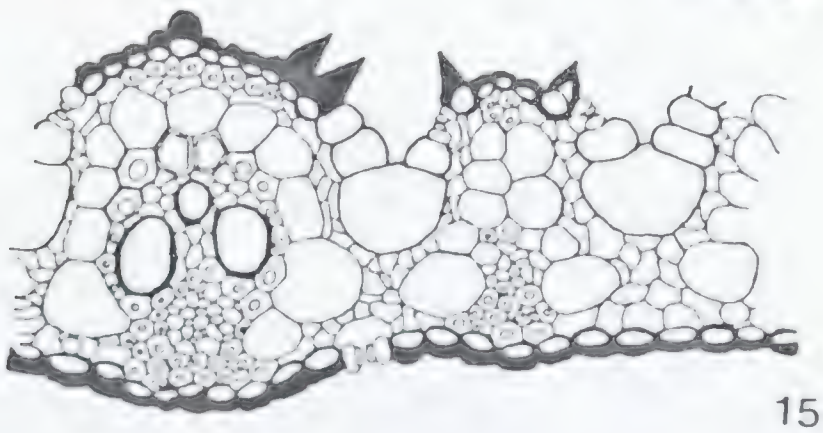

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PLANCHE 6-A

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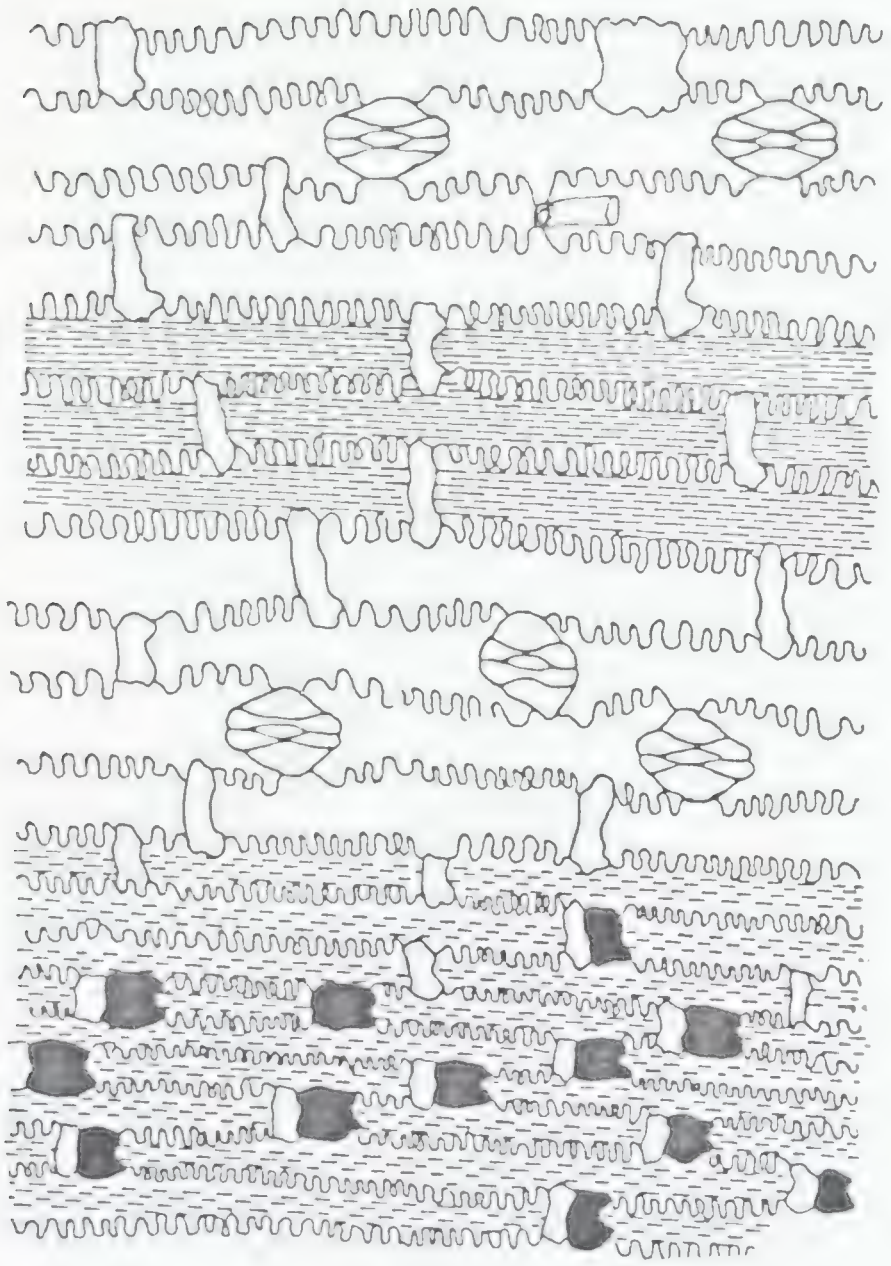
PLANCHE 6-B



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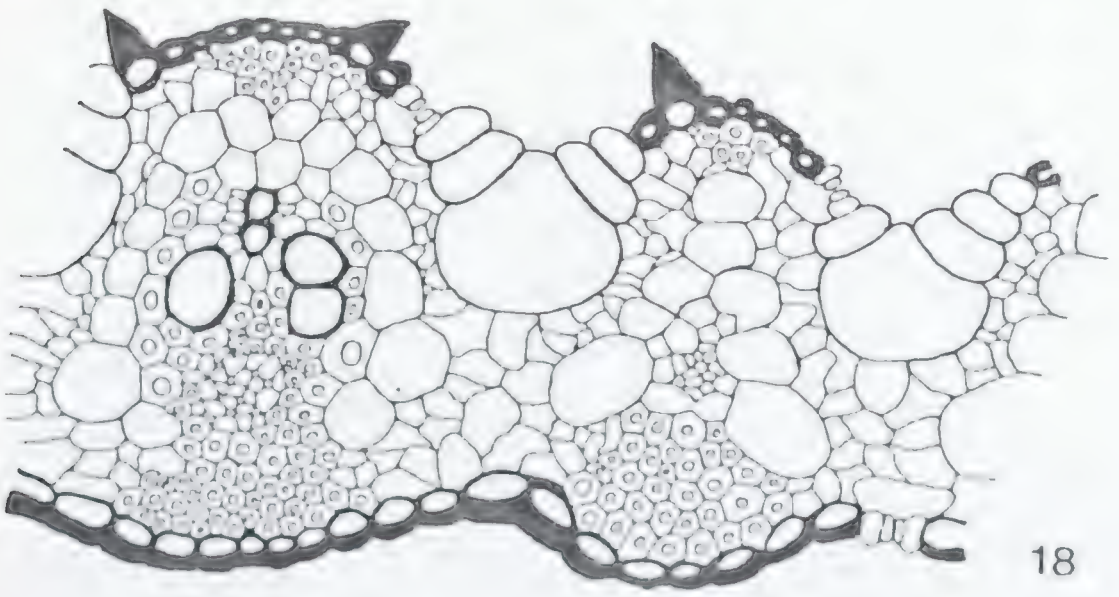

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PLANCHE 7-A

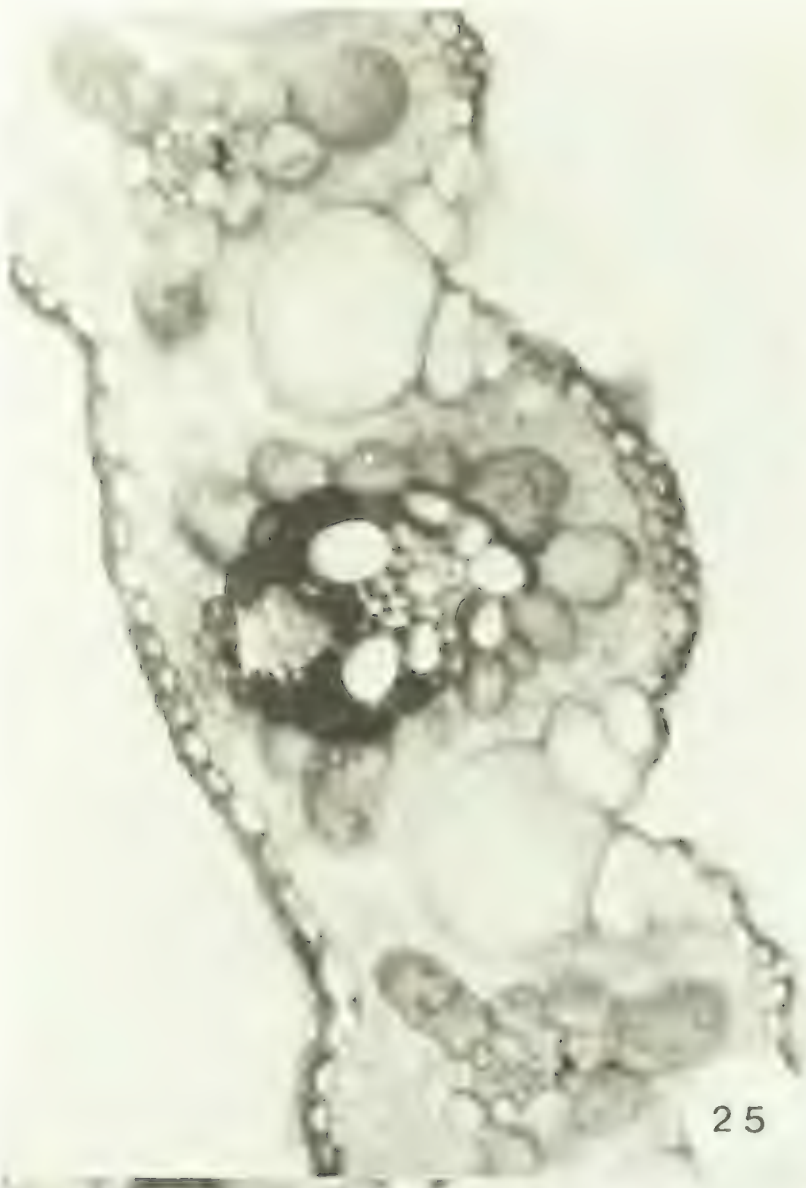

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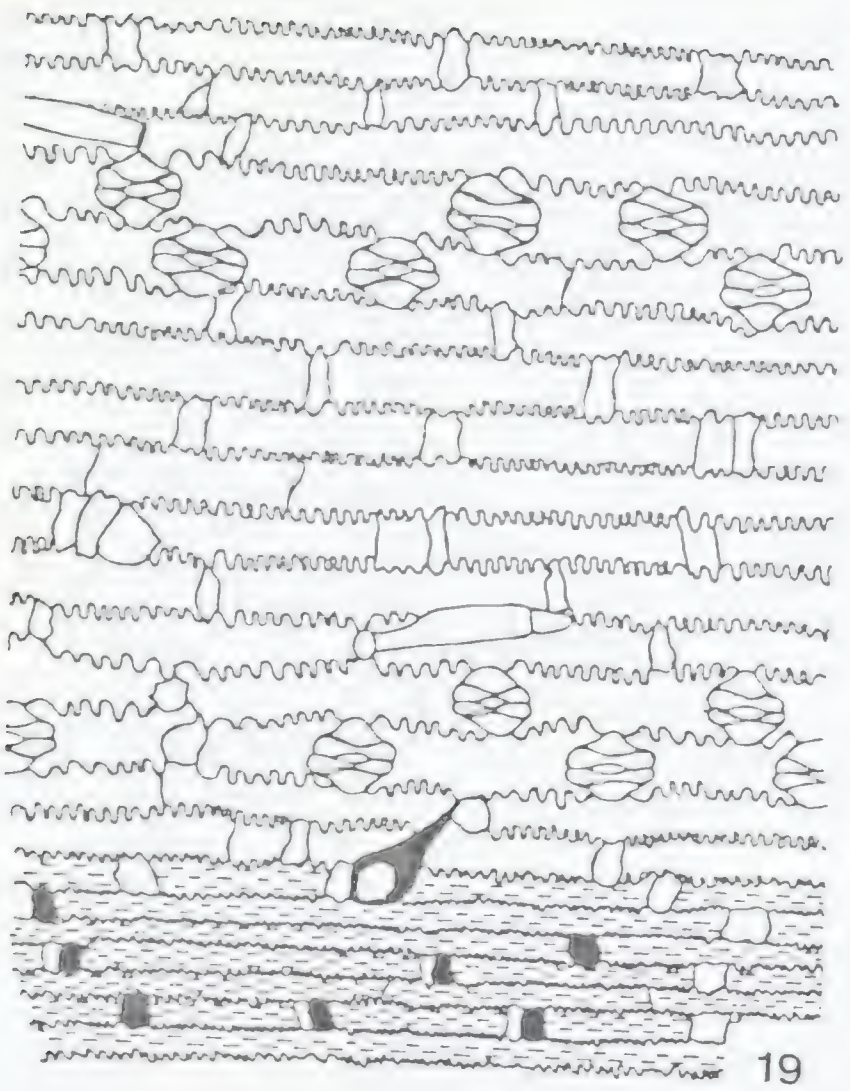
PLANCHE 7-B



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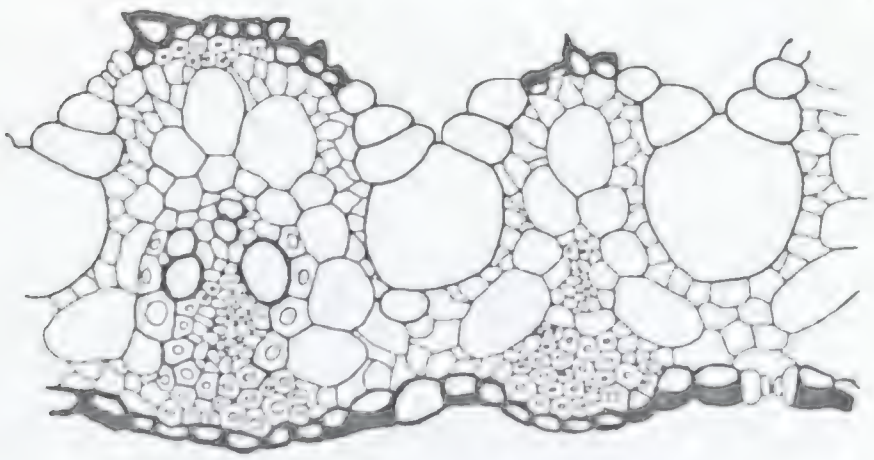

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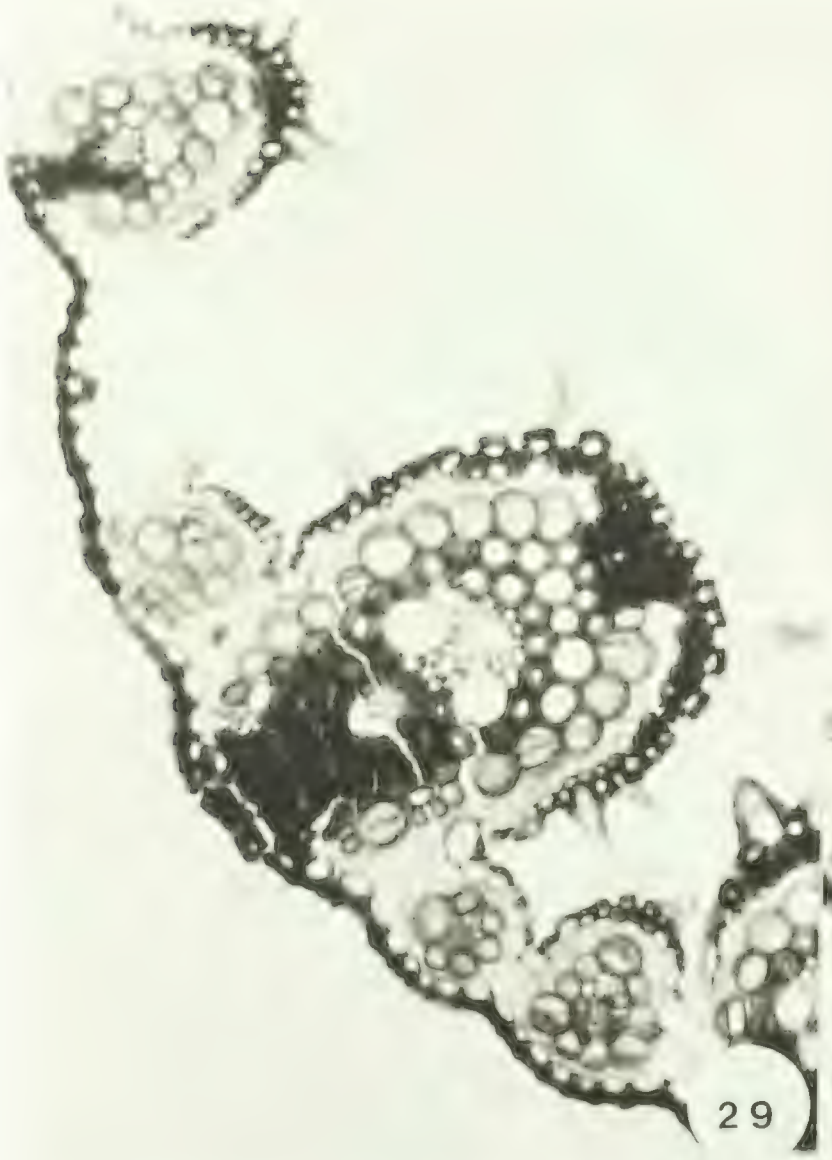
PLANCHE 8-A



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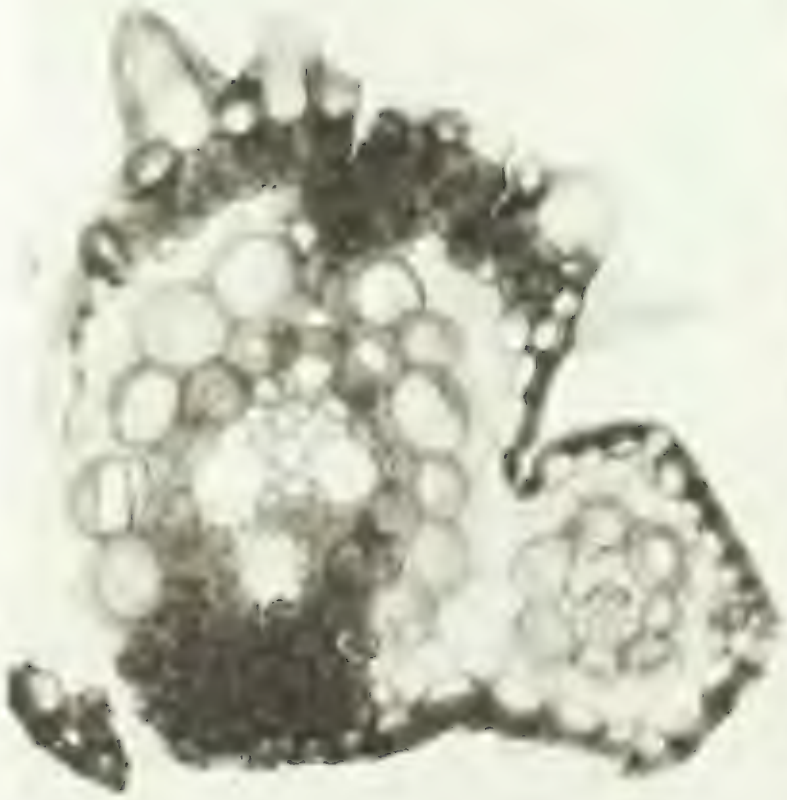

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PLANCHE 8-B

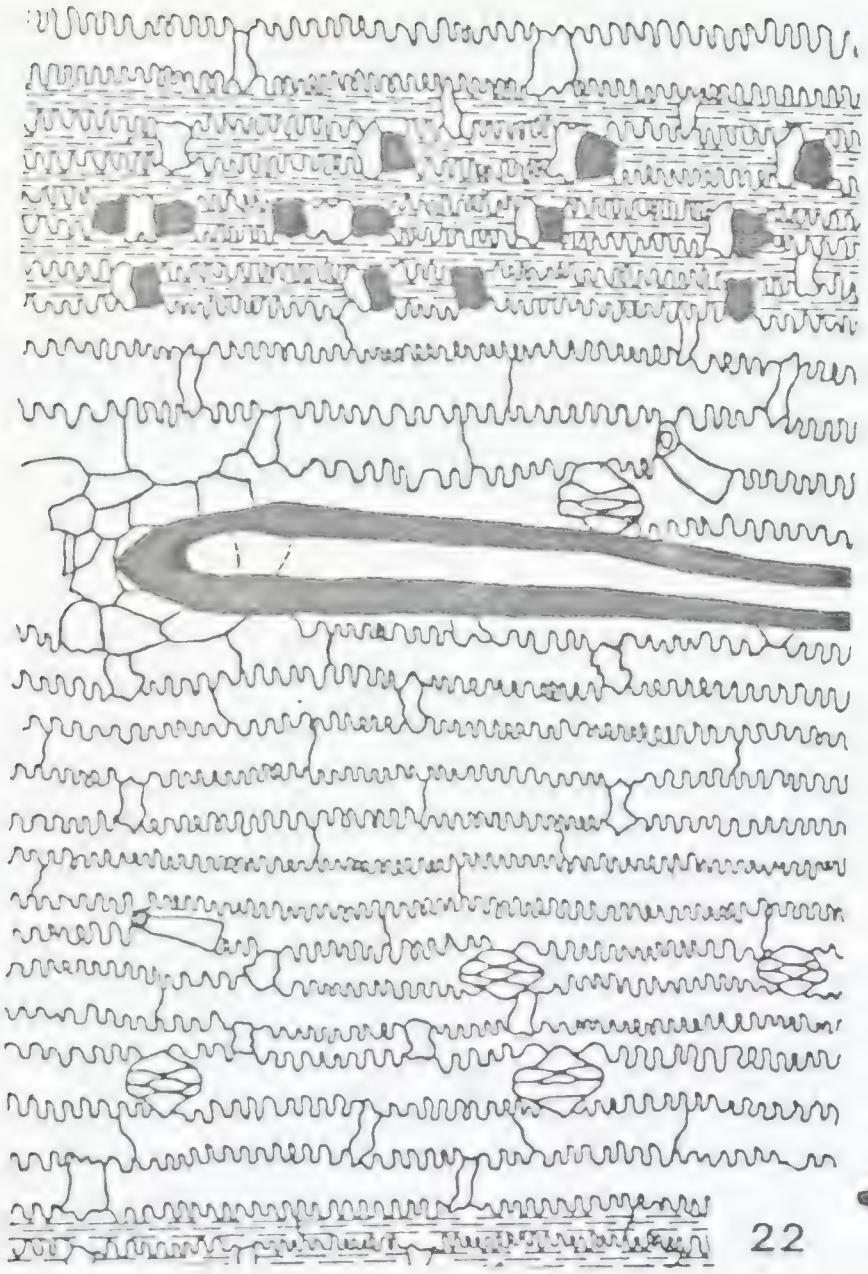

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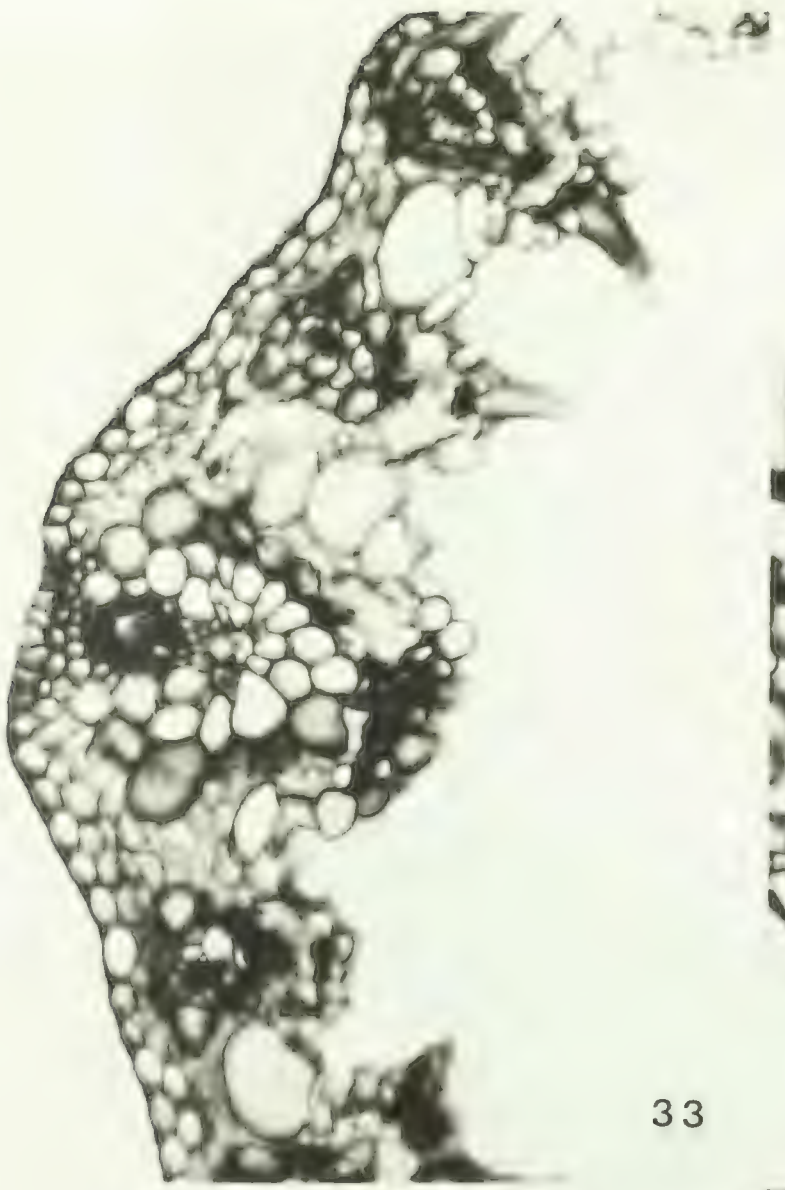
PLANCHE 9-A



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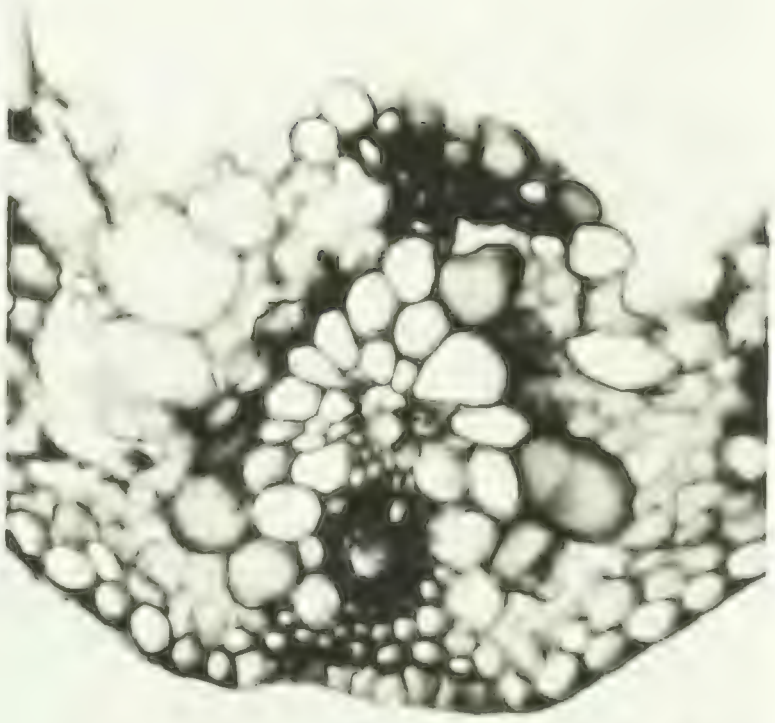

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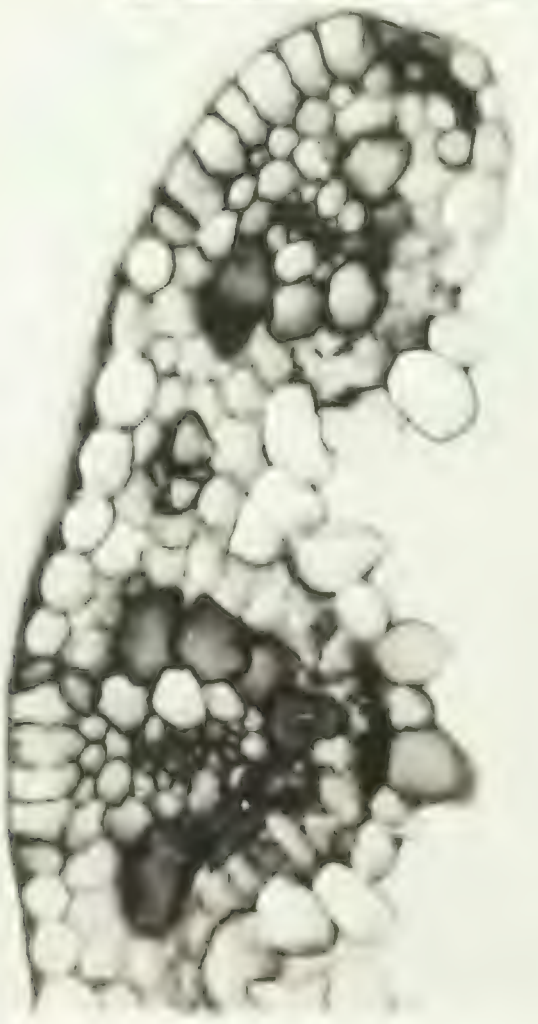

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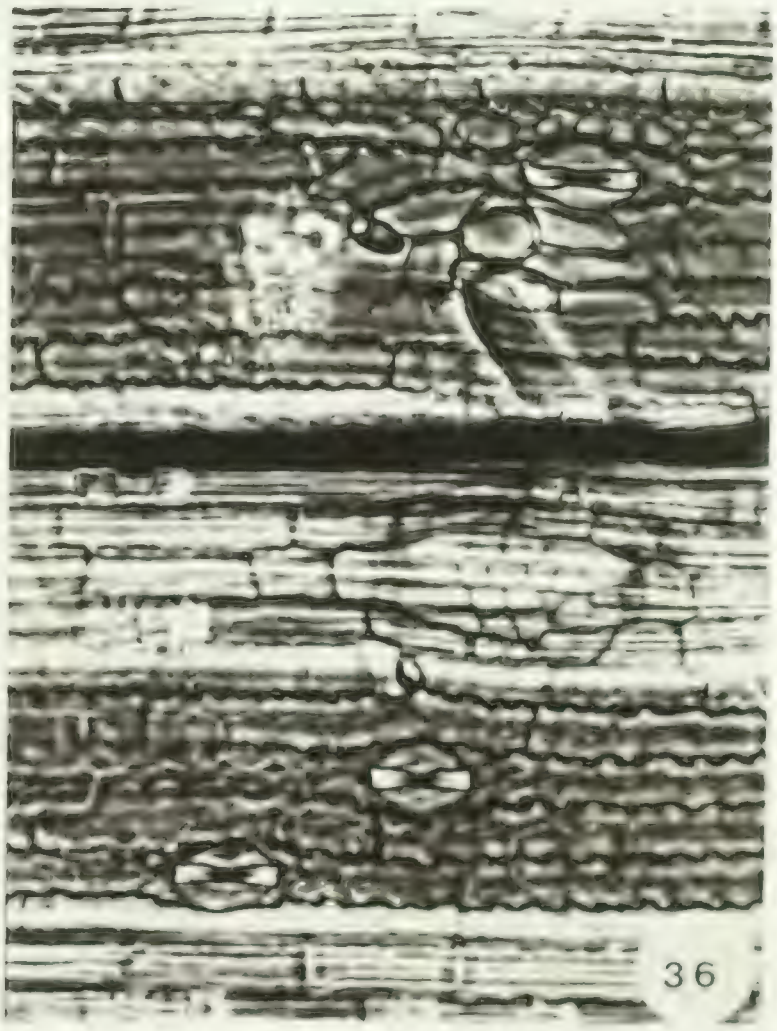

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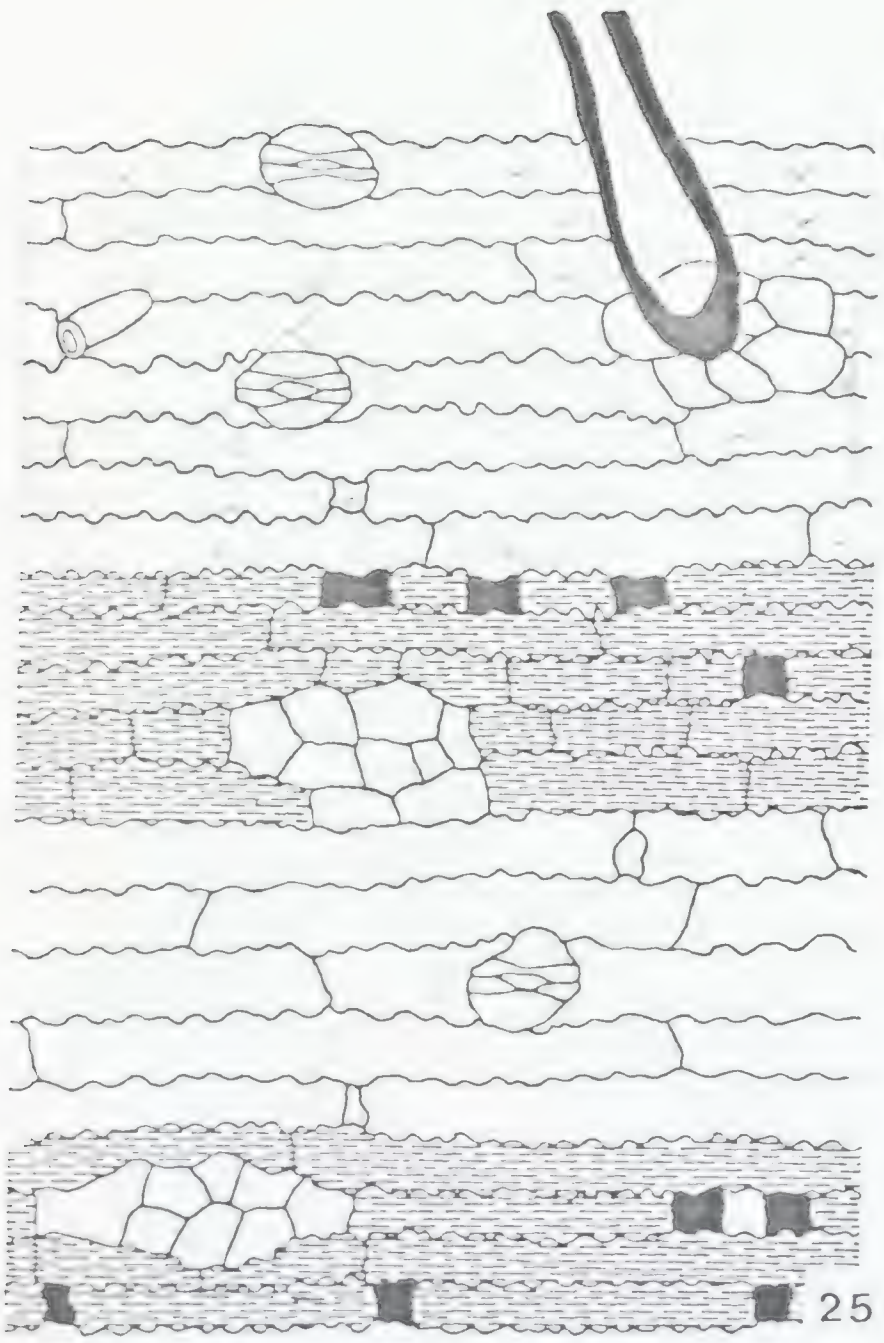
PLANCHE 9-B



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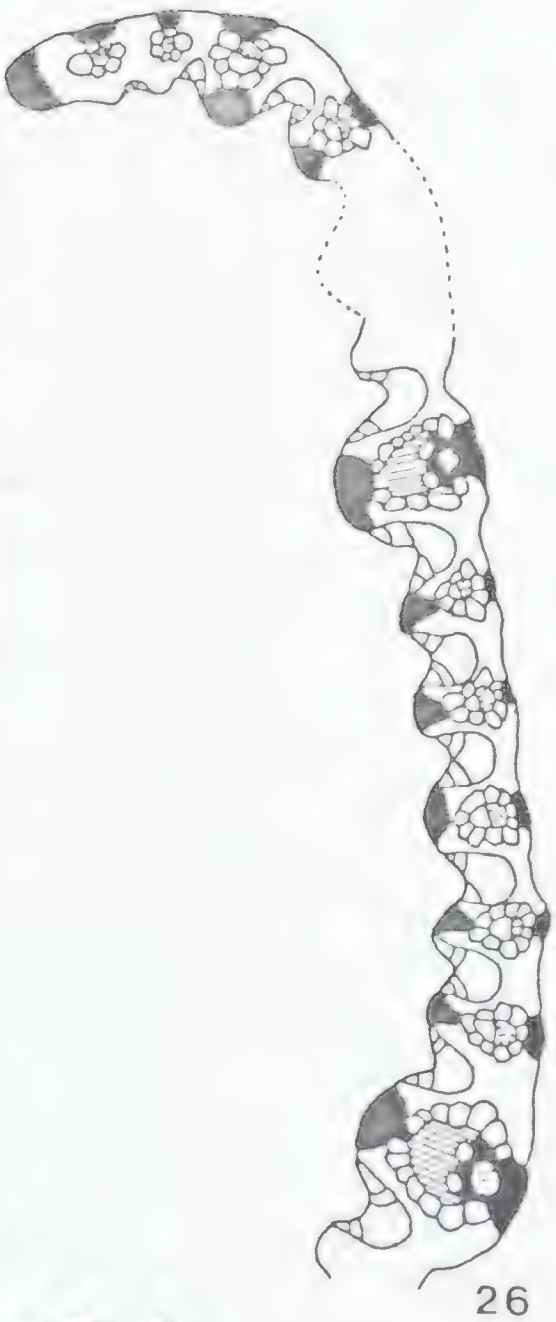

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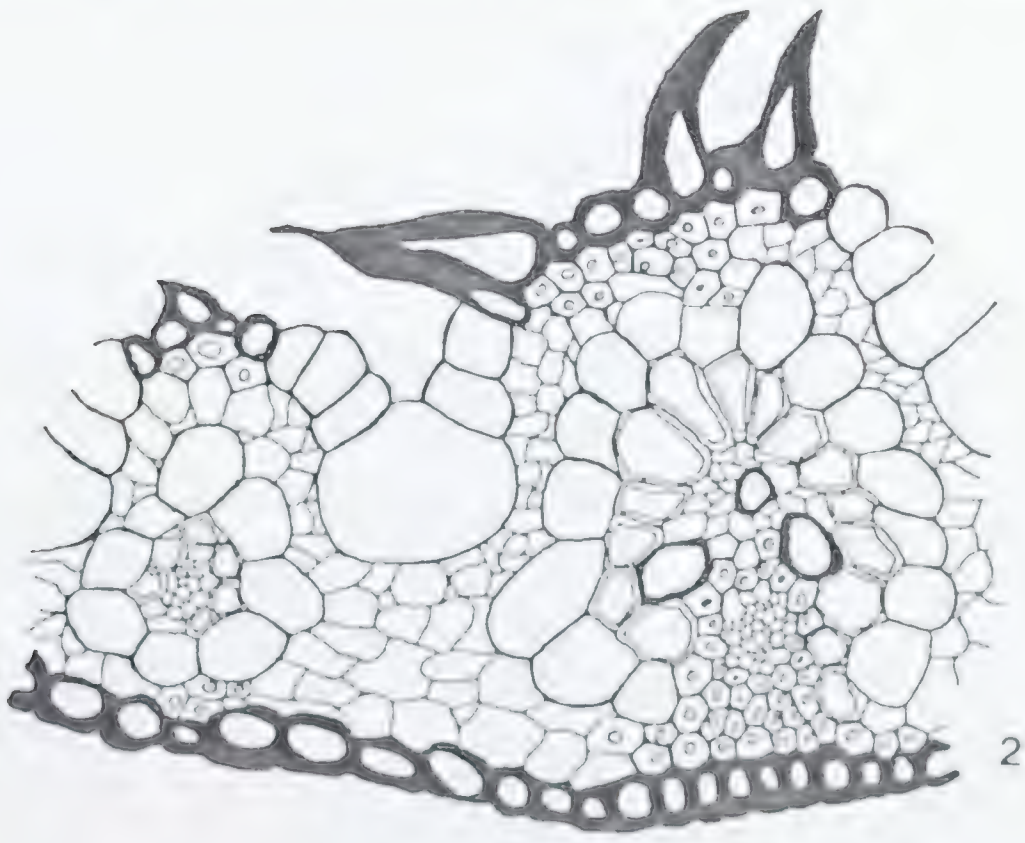

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PLANCHE 10-A

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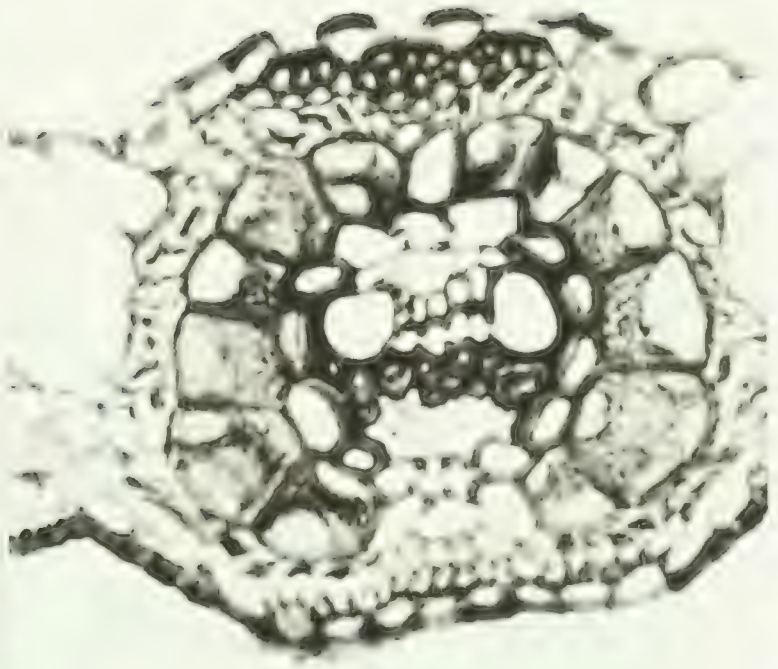

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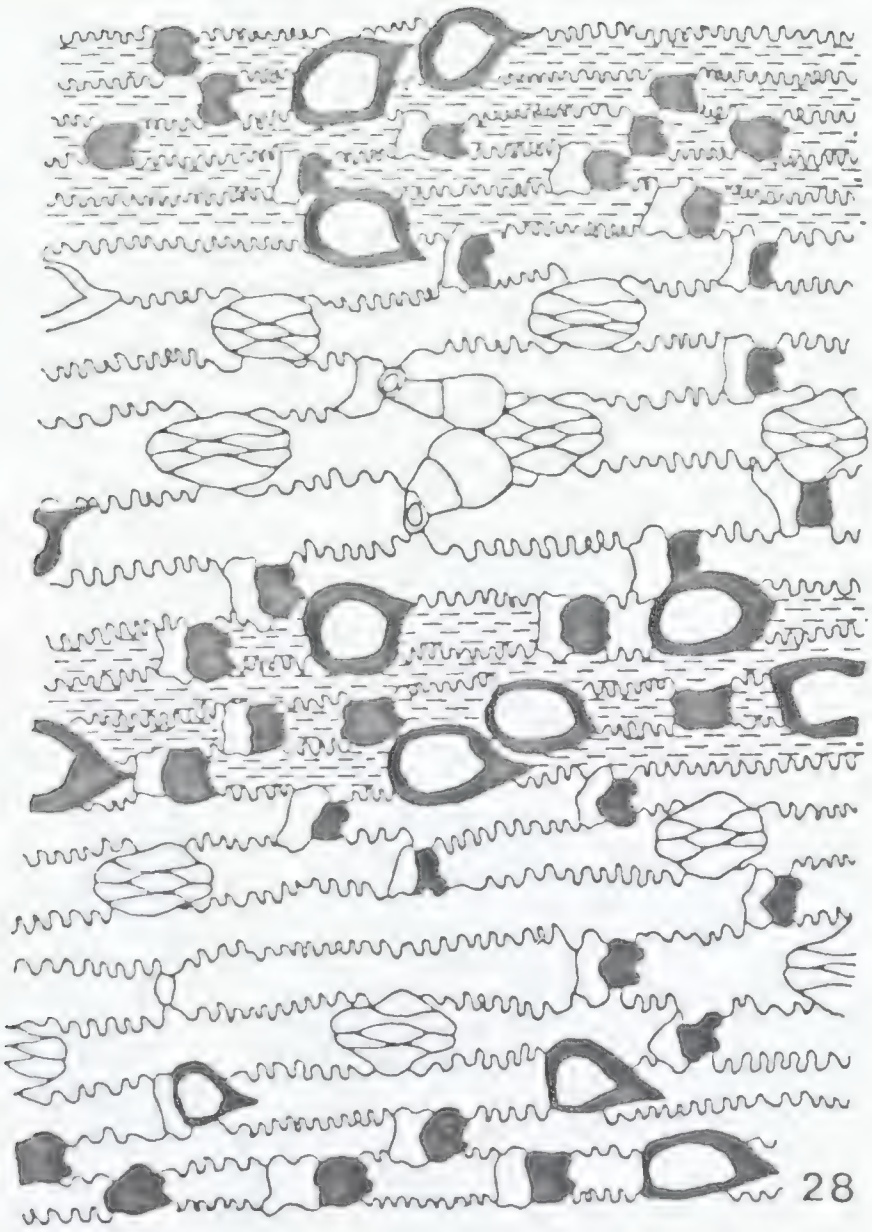
PLANCHE 10-B



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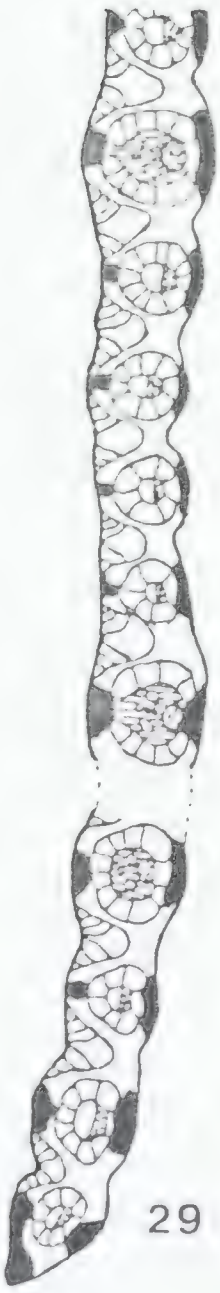

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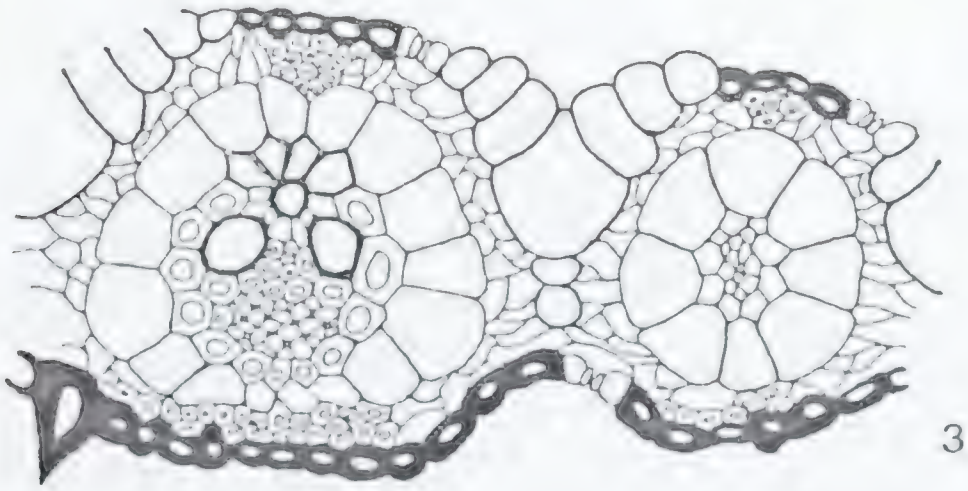

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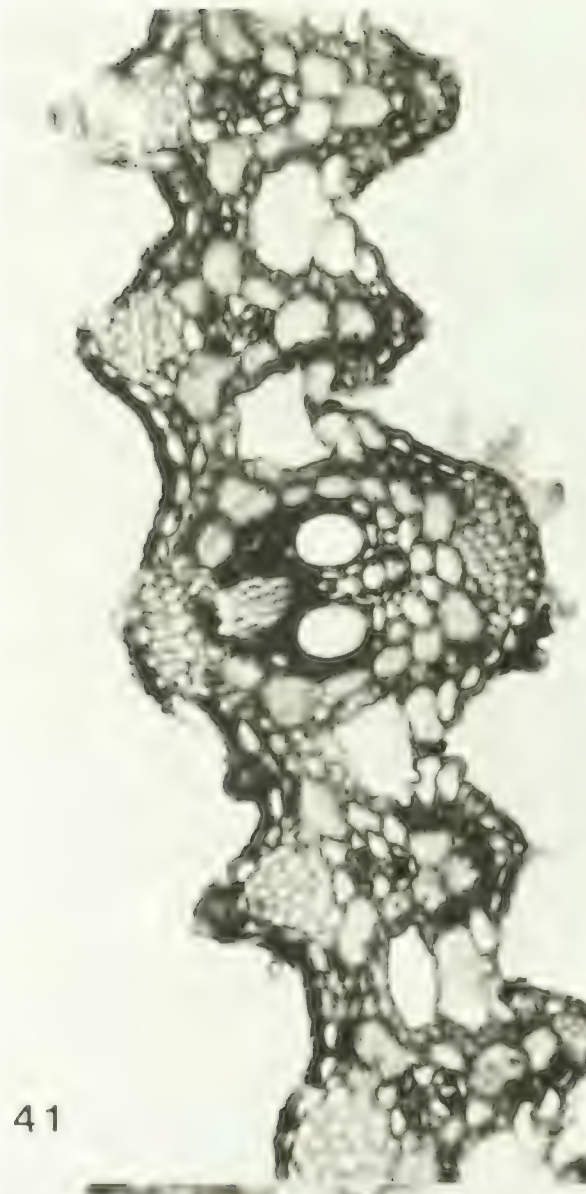
PLANCHE 11-A



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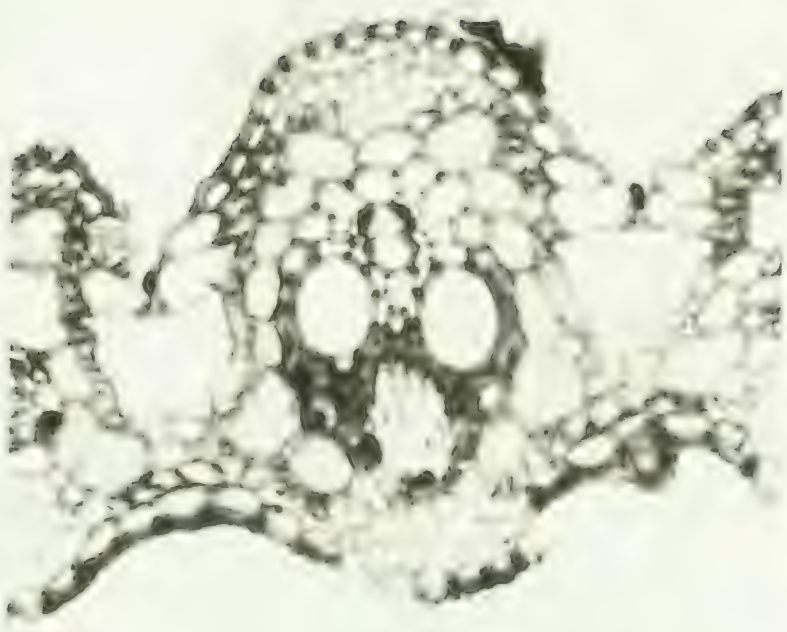

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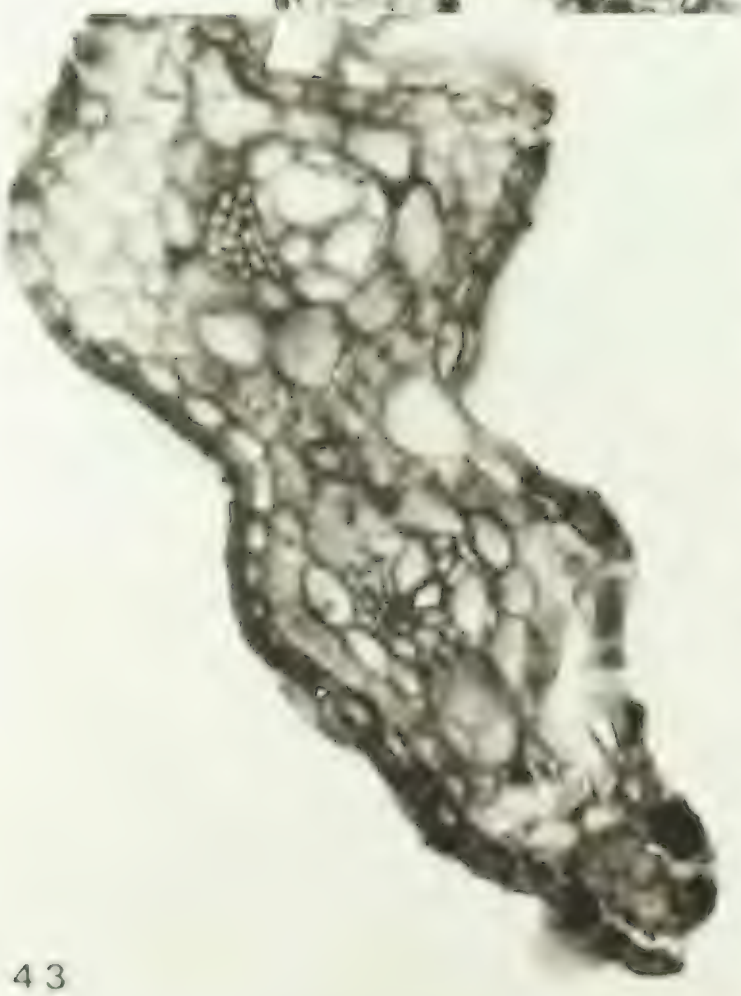

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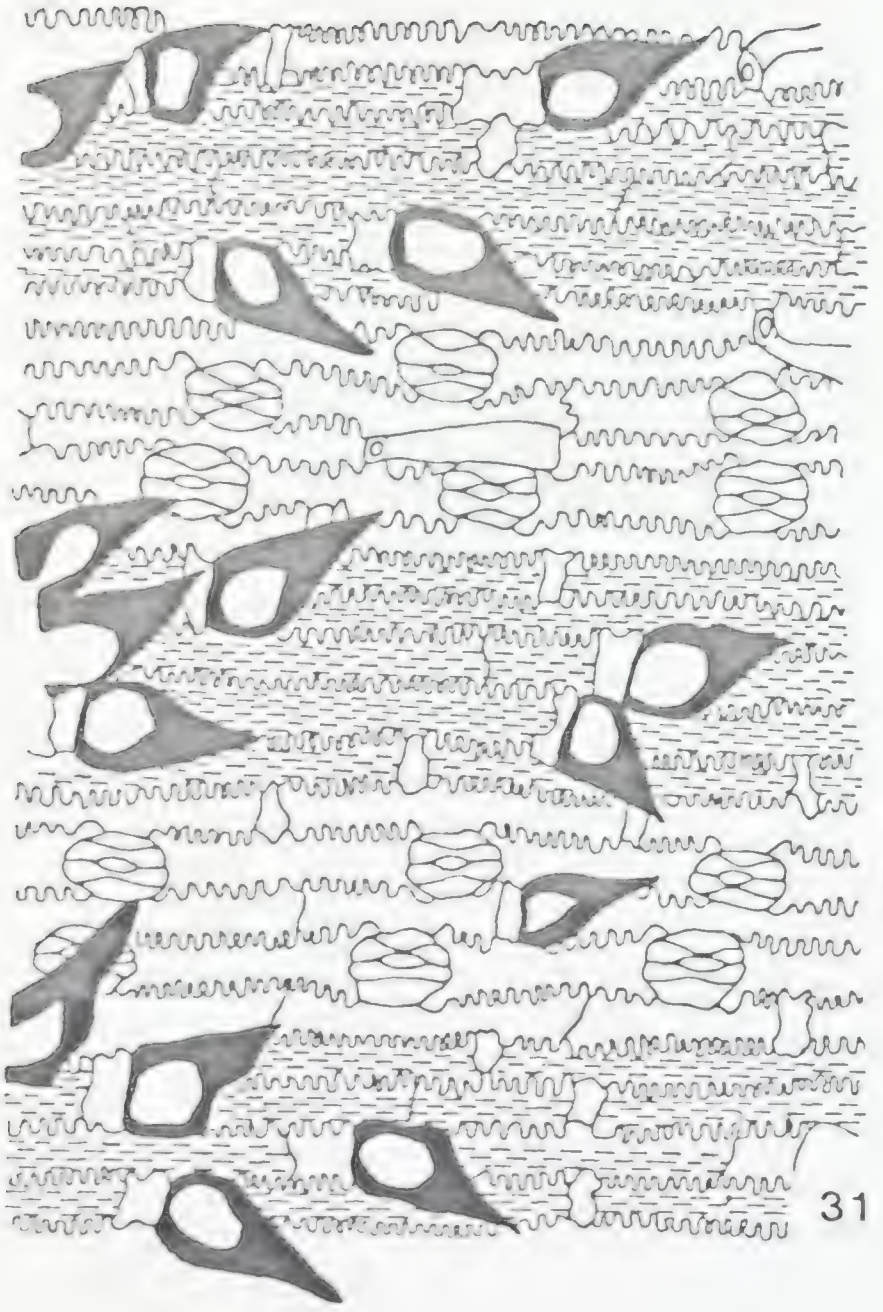
PLANCHE 11-B



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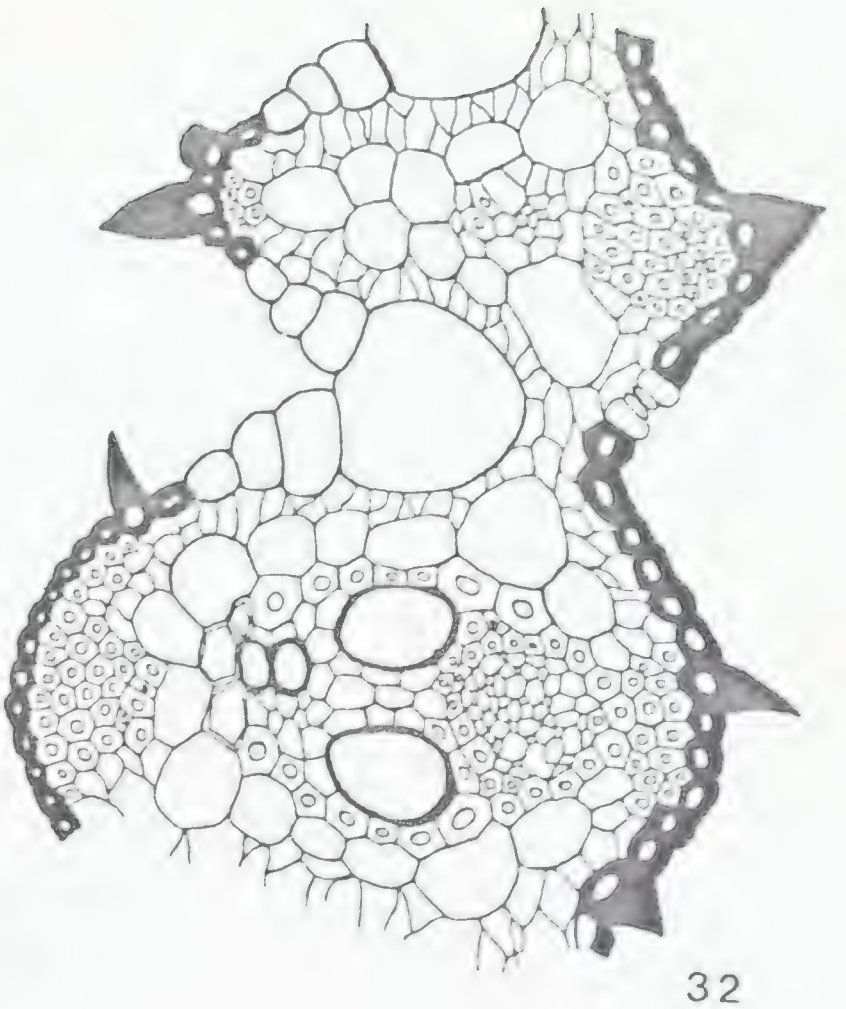

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PLANCHE 12-A

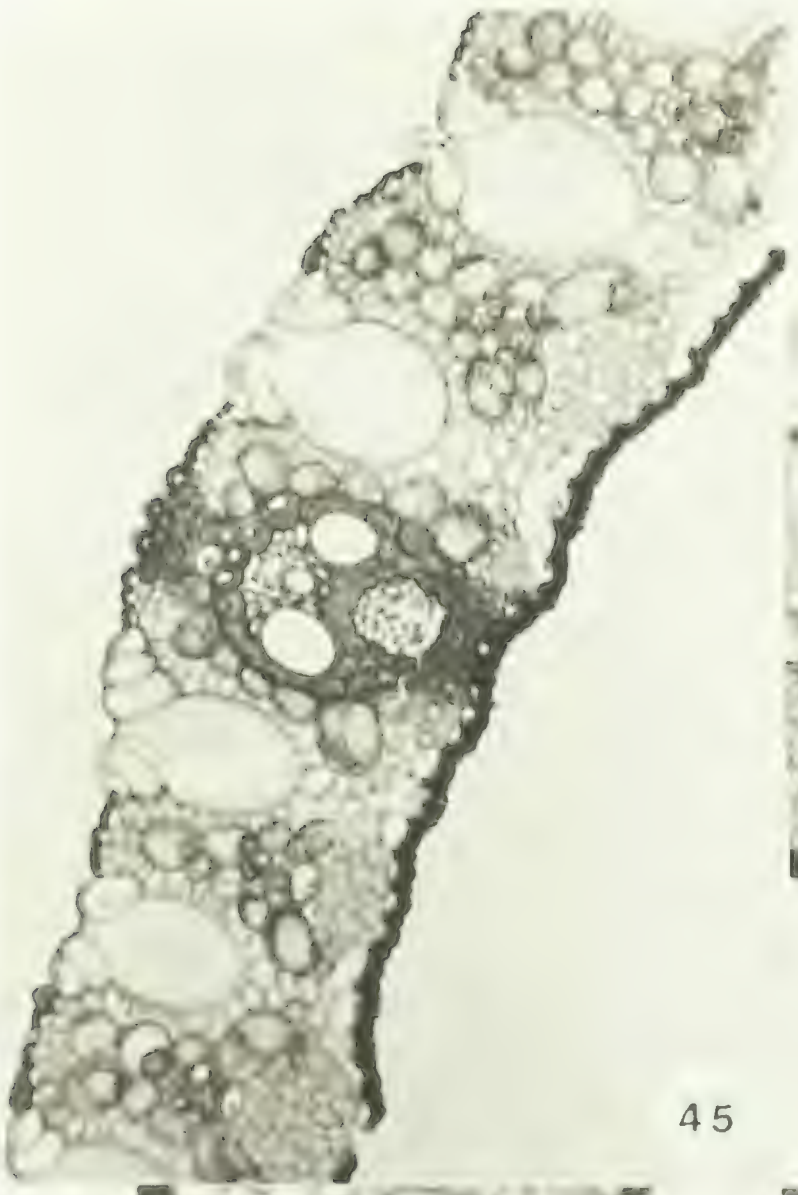

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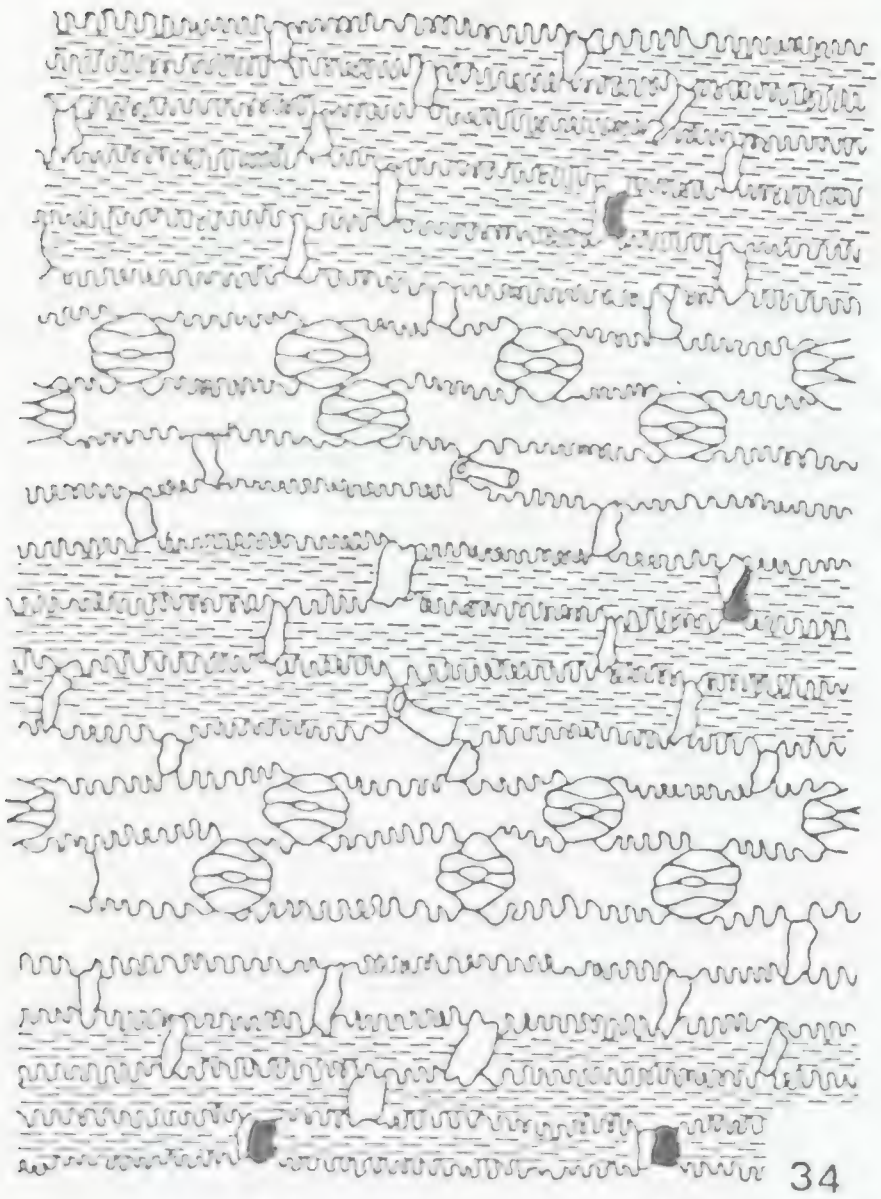
PLANCHE 12-B



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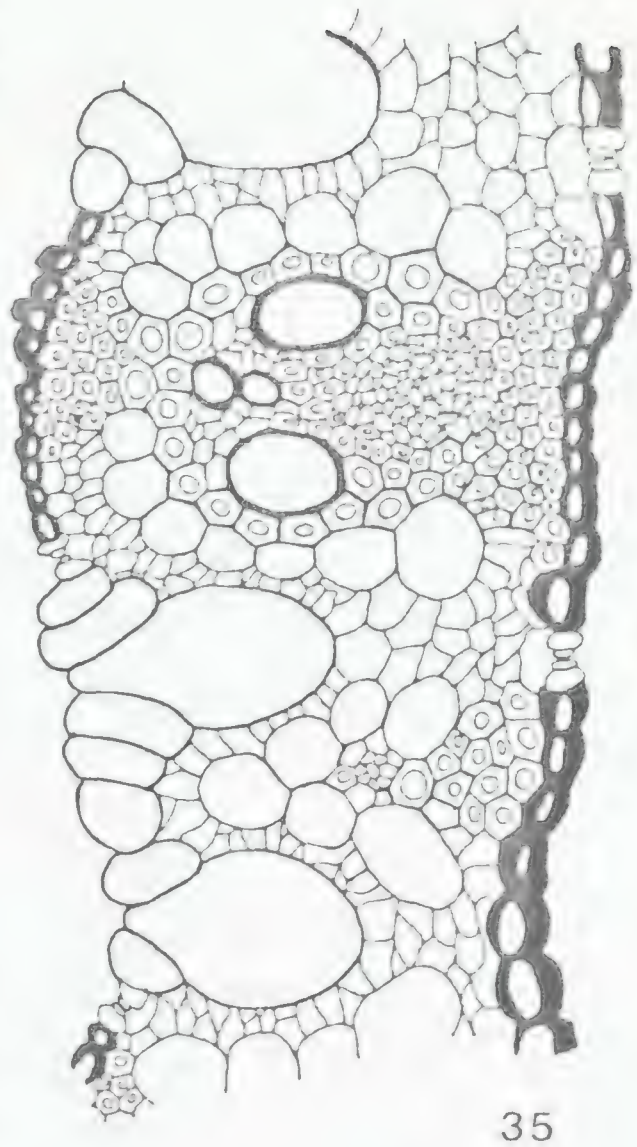

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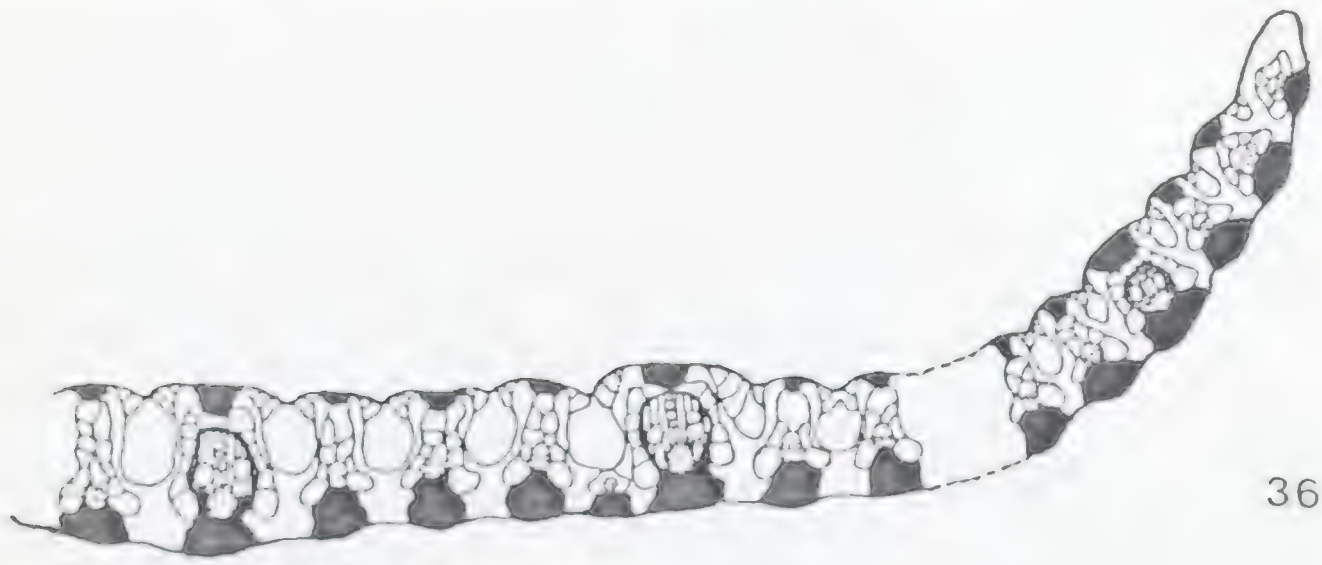

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PLANCHE 13-A

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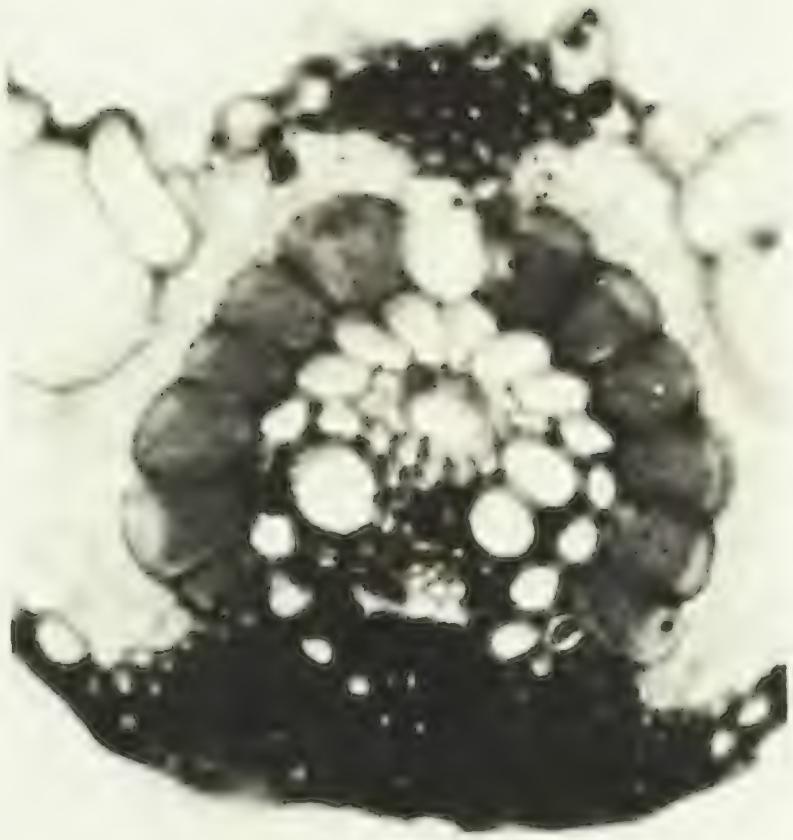

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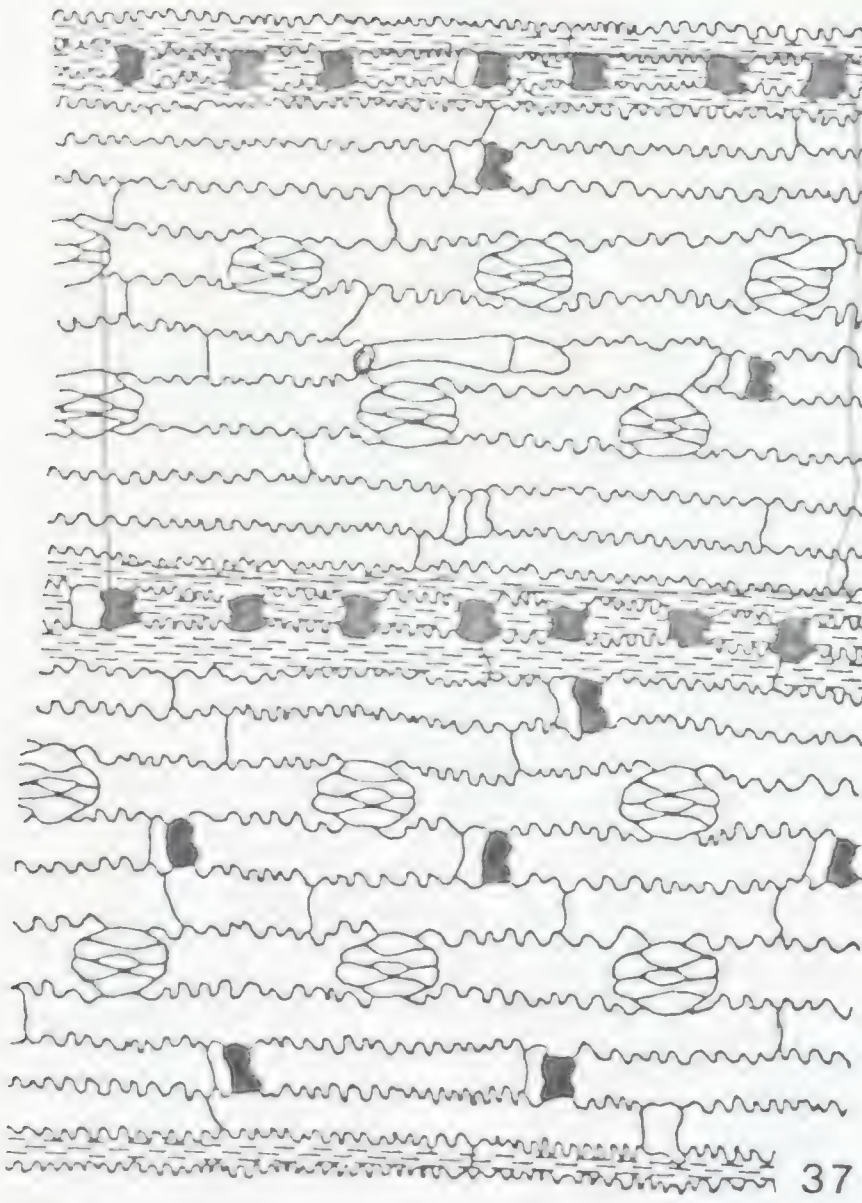
PLANCHE 13-B



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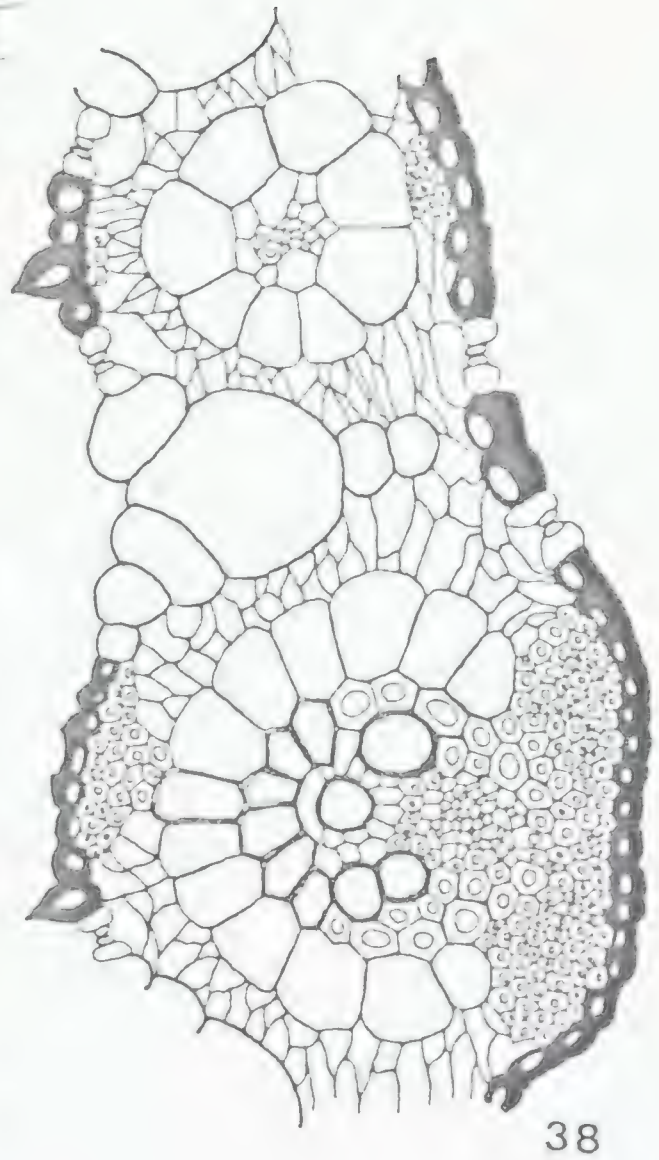

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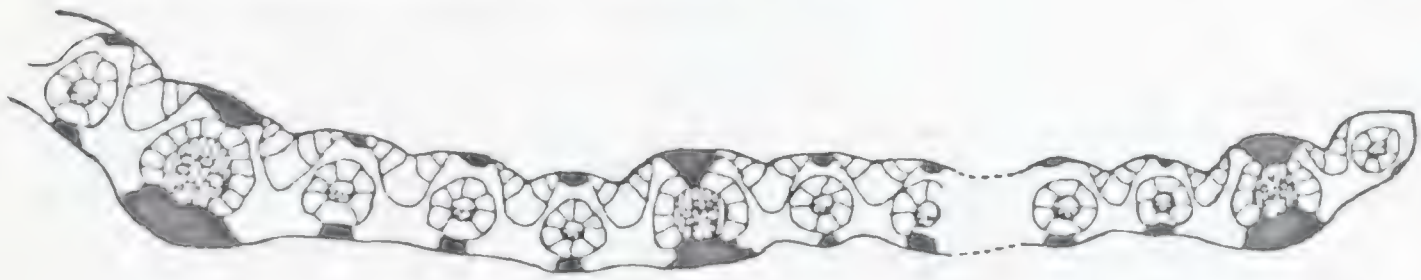

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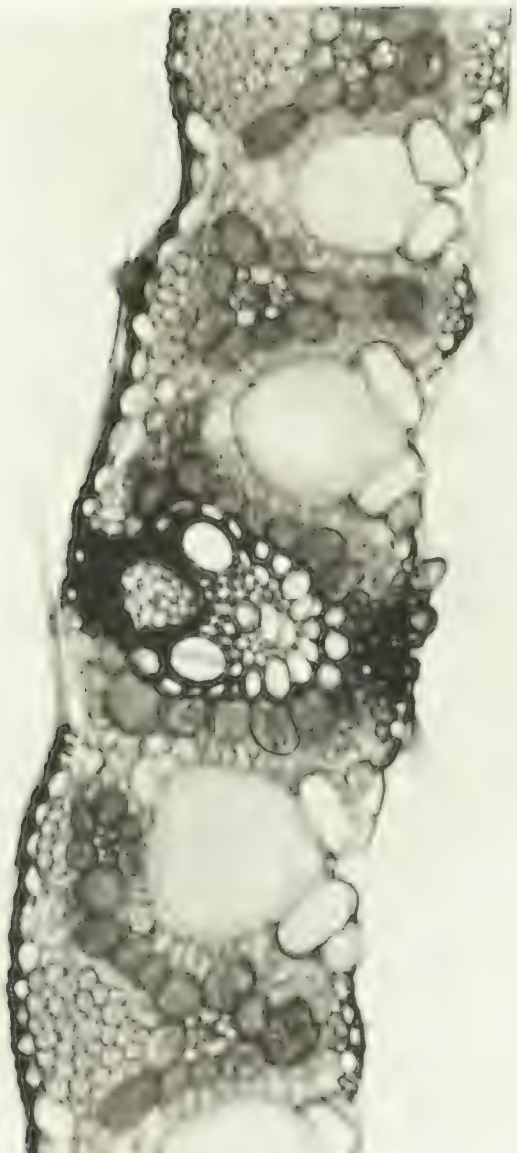
PLANCHE 14-A



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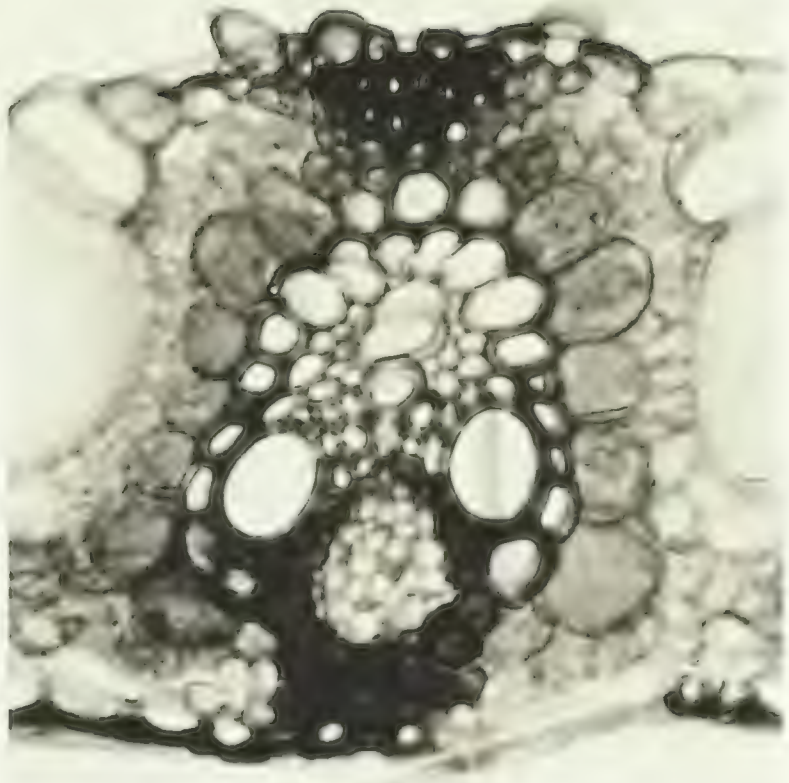

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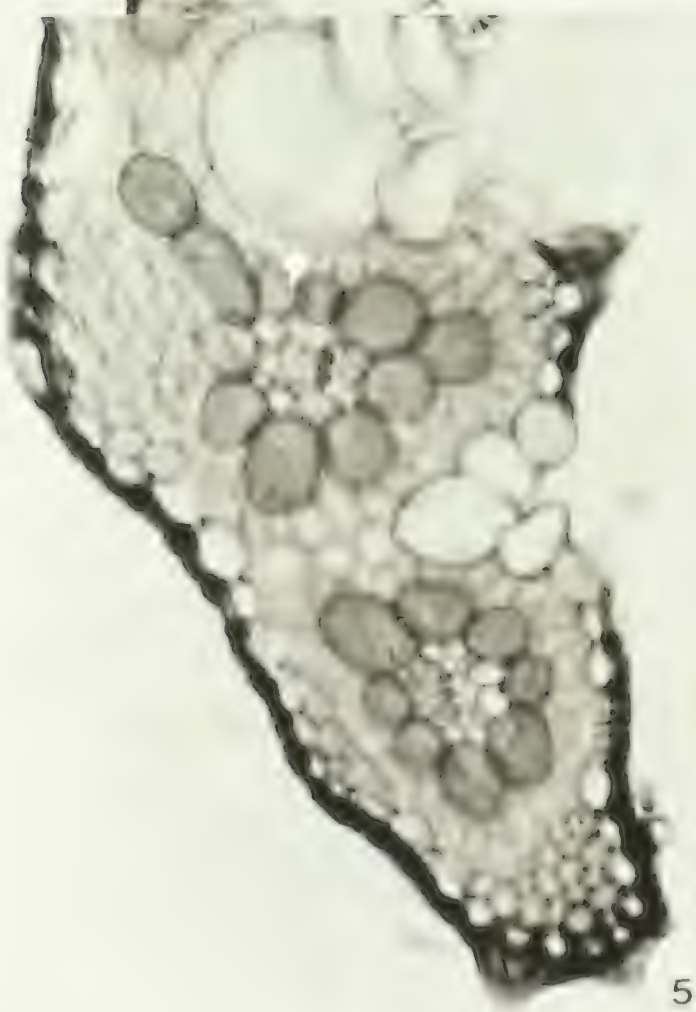

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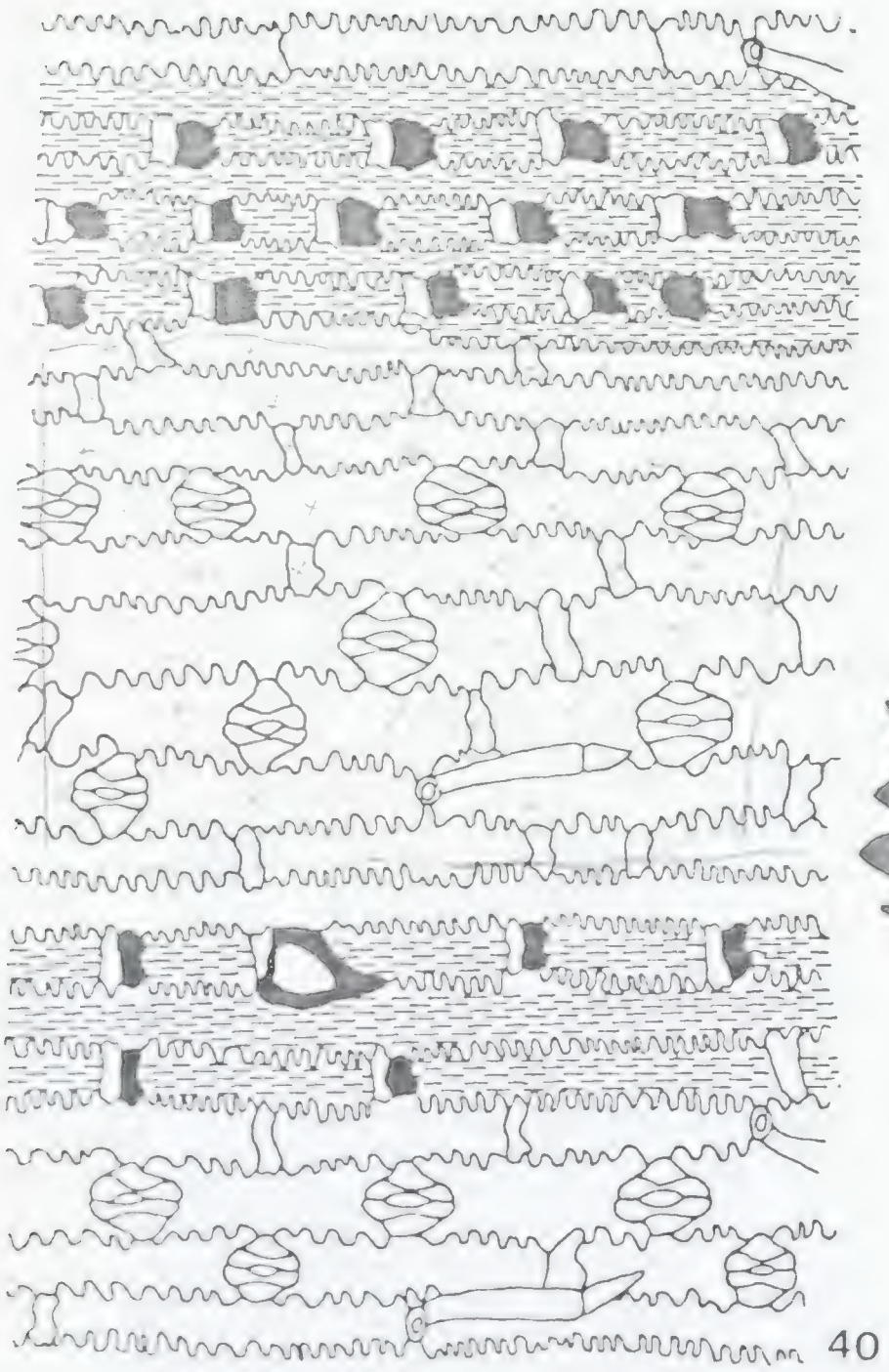
PLANCHE 14-B



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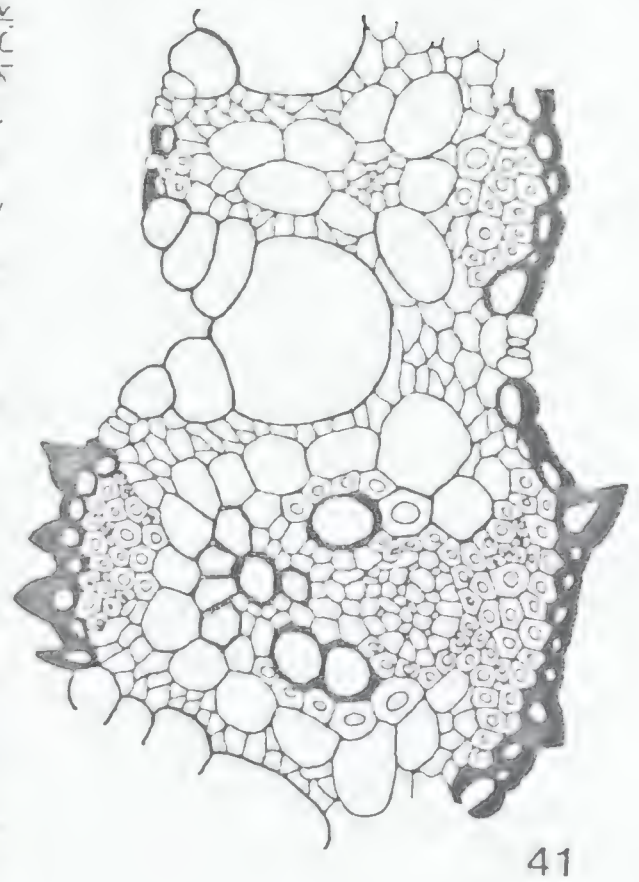

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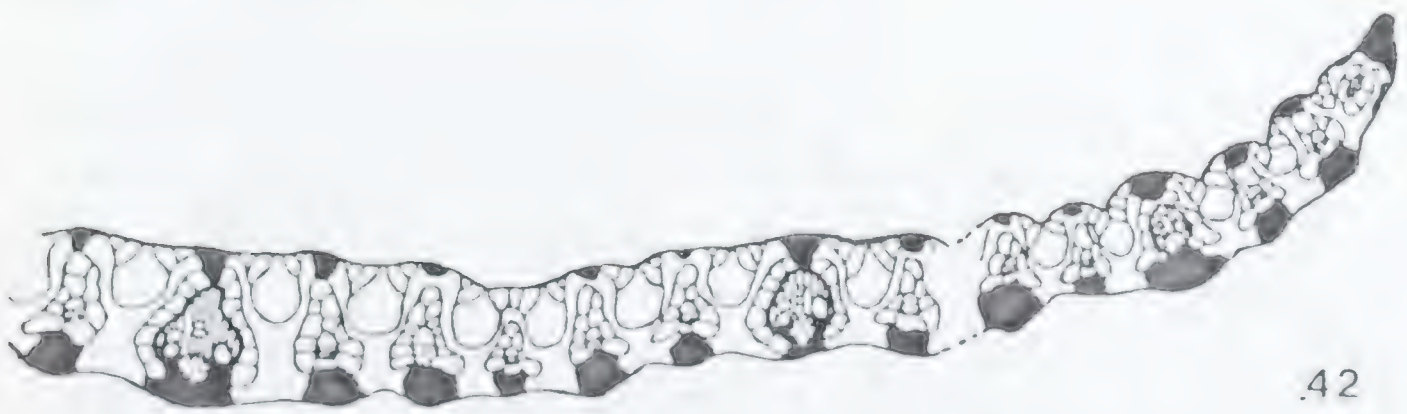

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PLANCHE 15-A

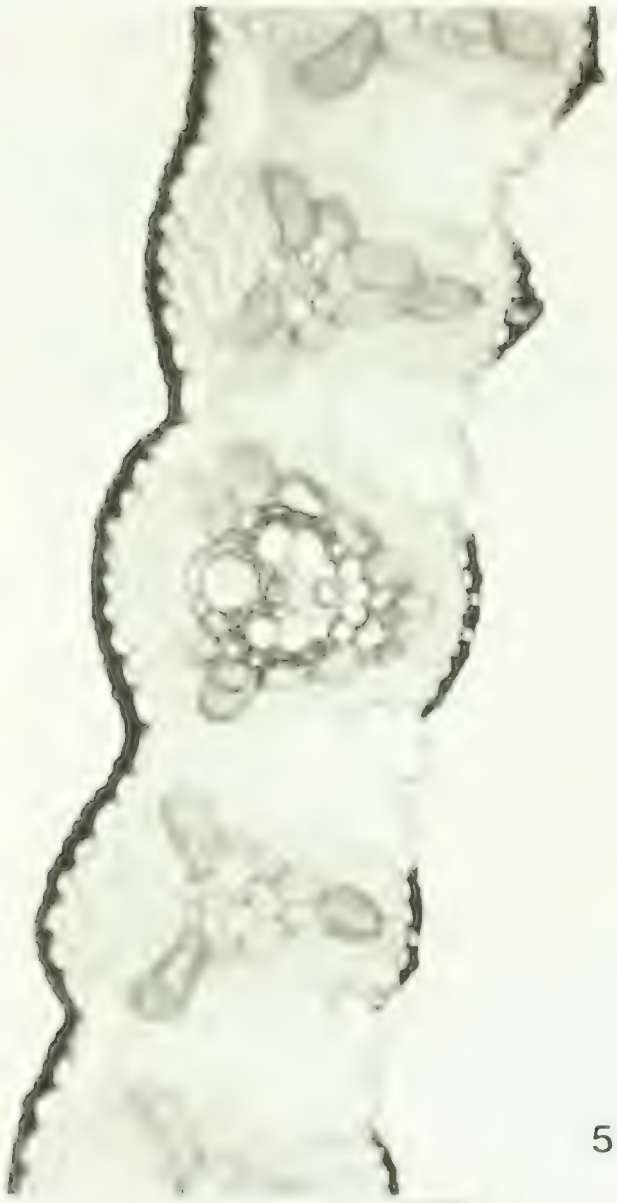

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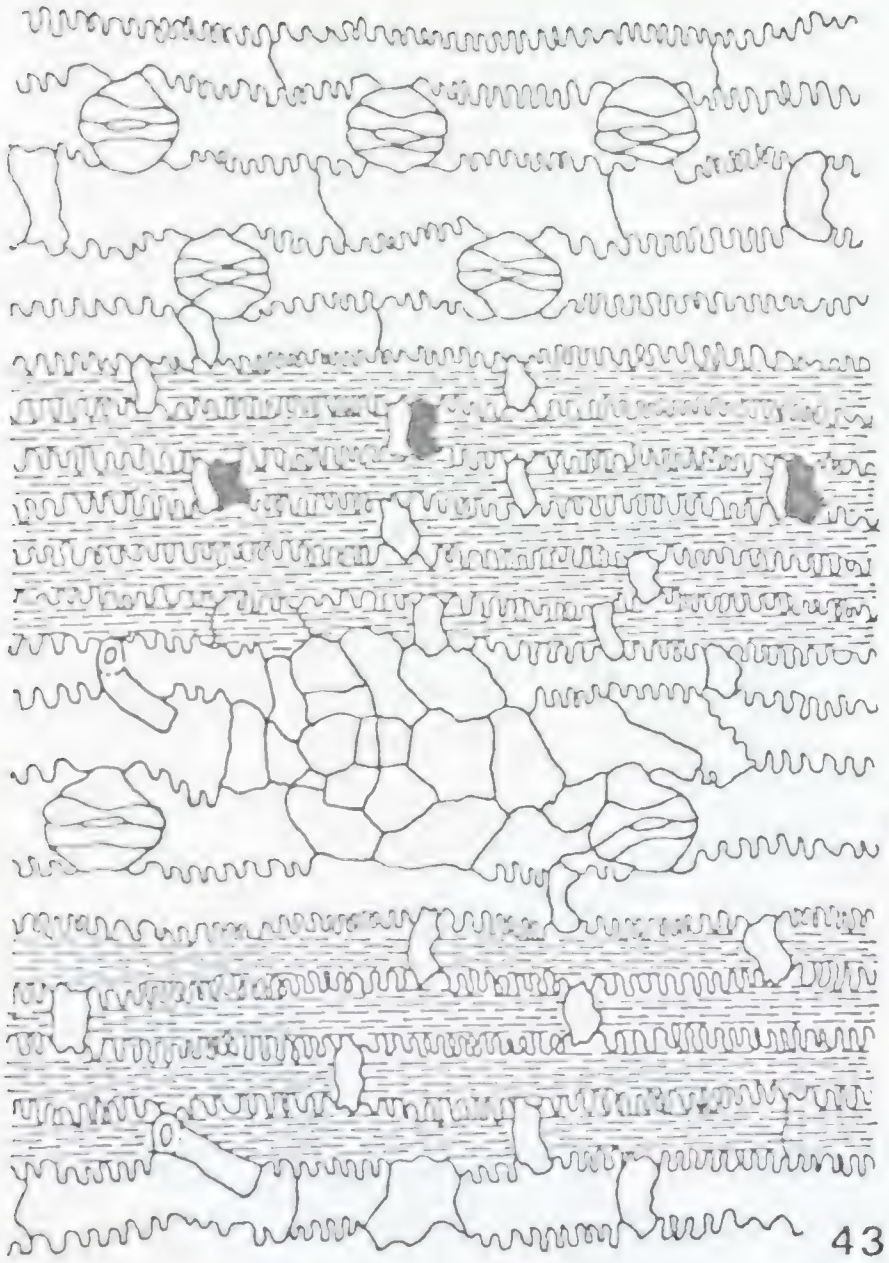
PLANCHE 15-B



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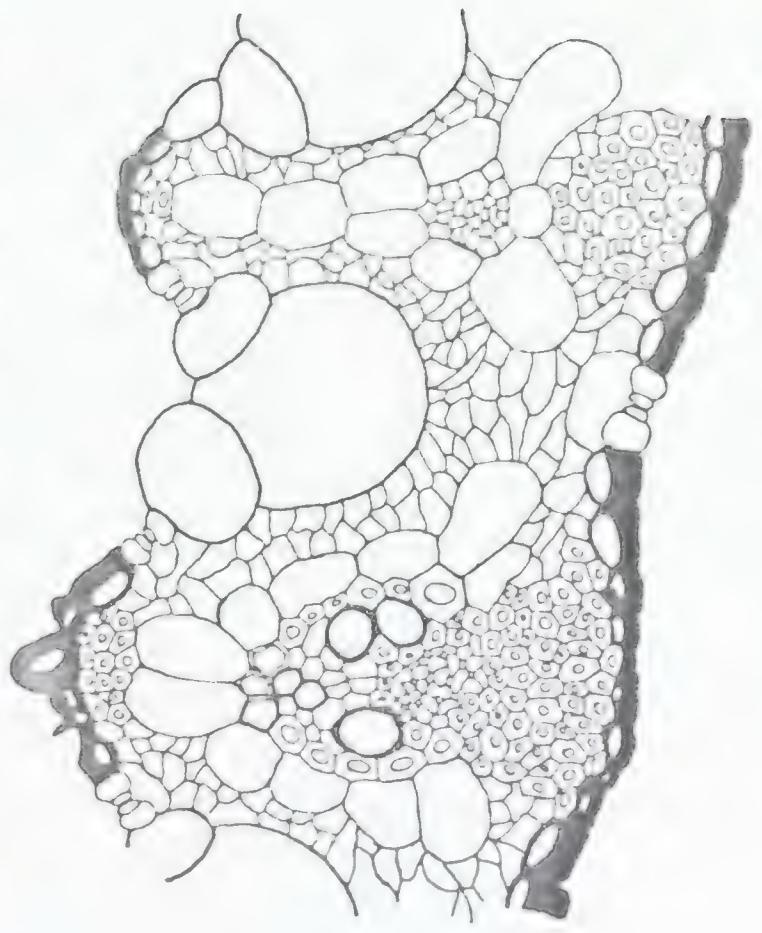

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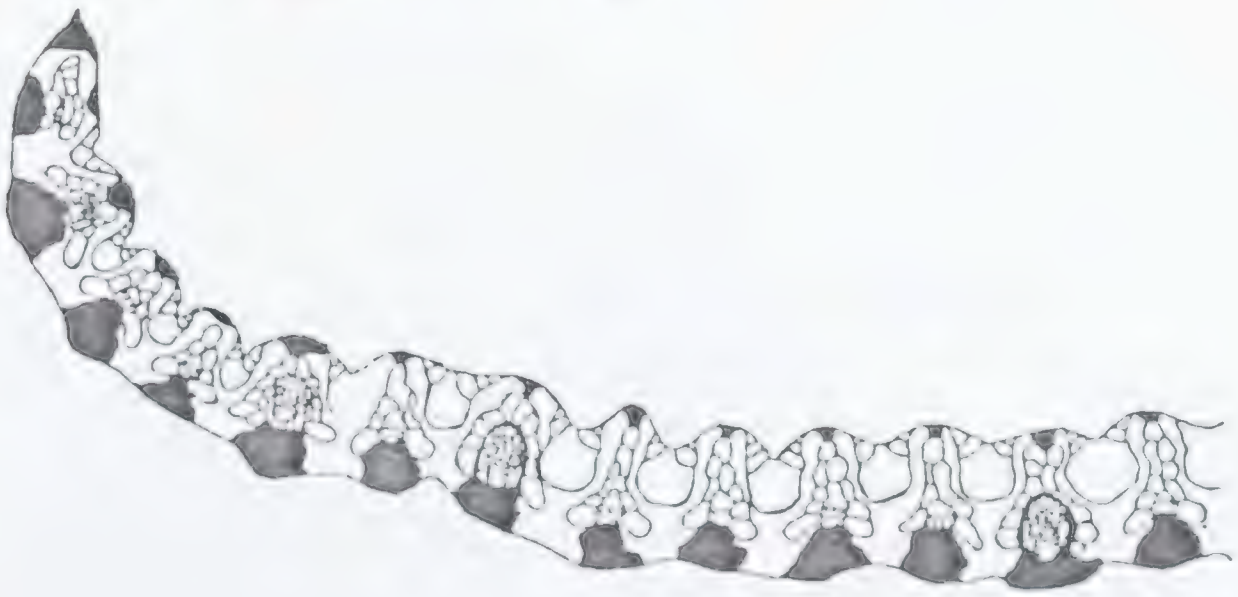

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PLANCHE 16-A

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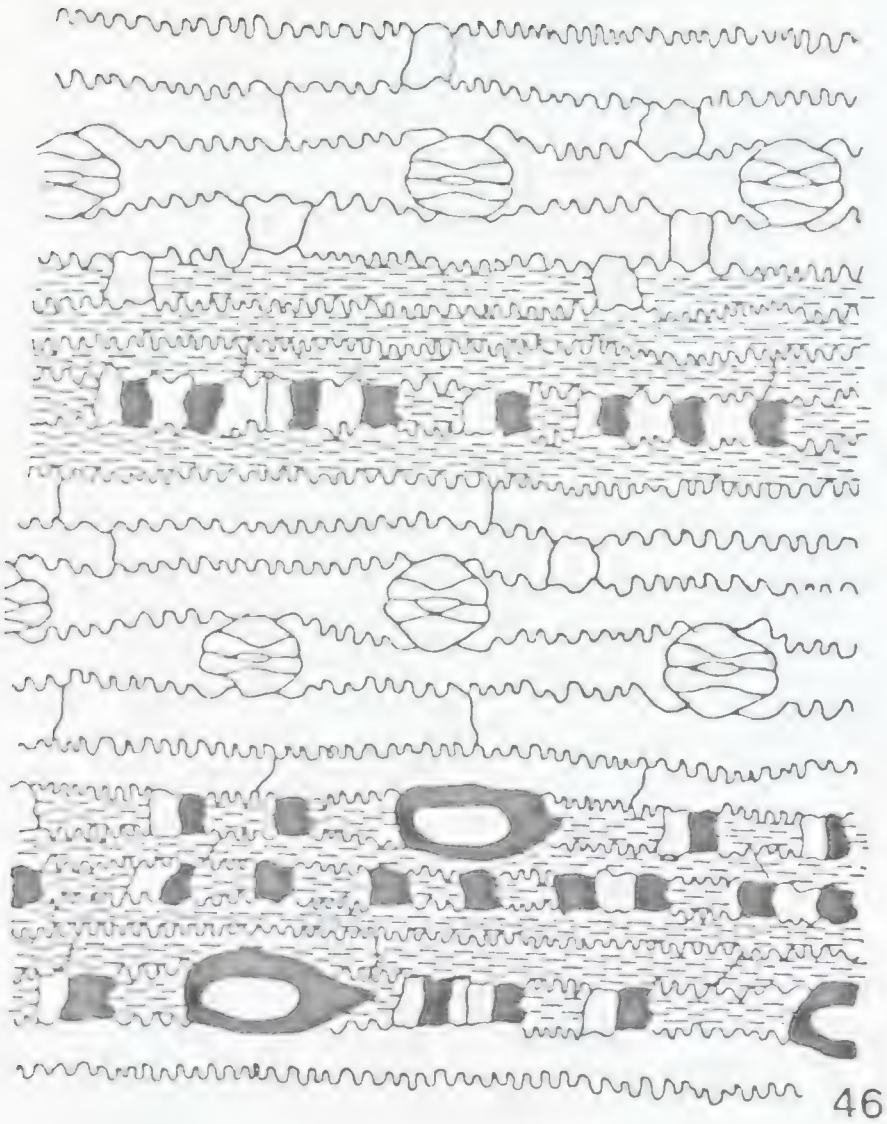
PLANCHE 16-B



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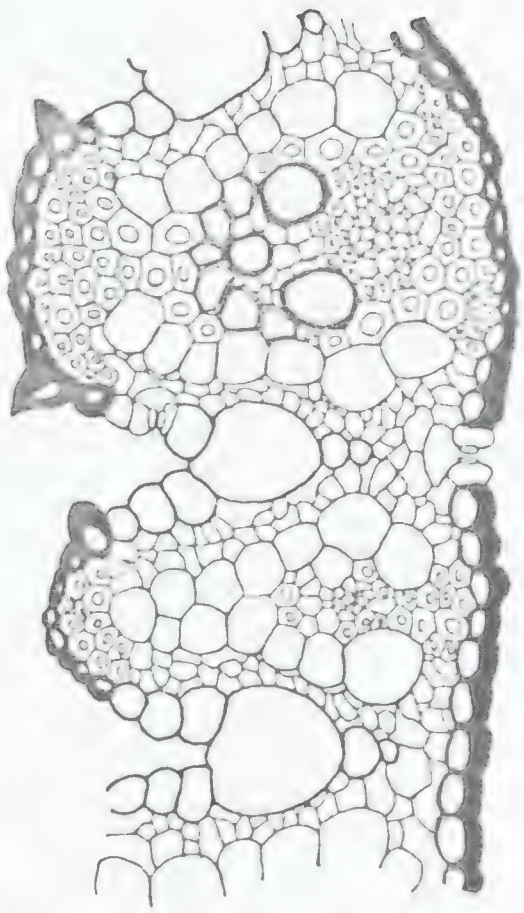

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PLANCHE 17-A

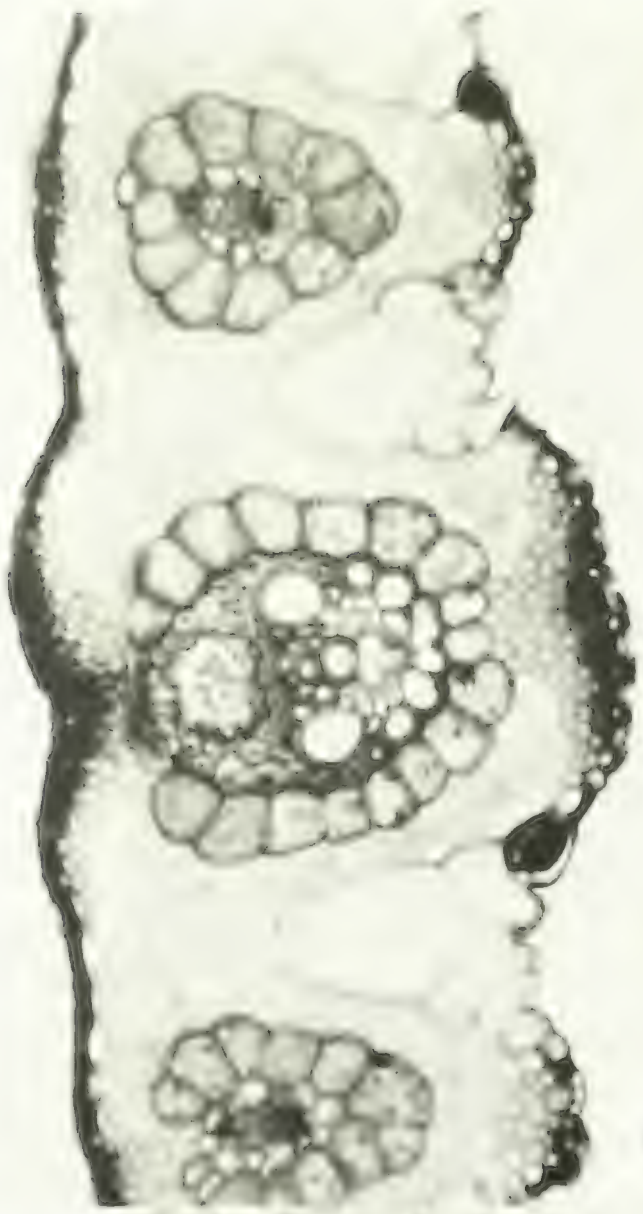

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PLANCHE 17-B

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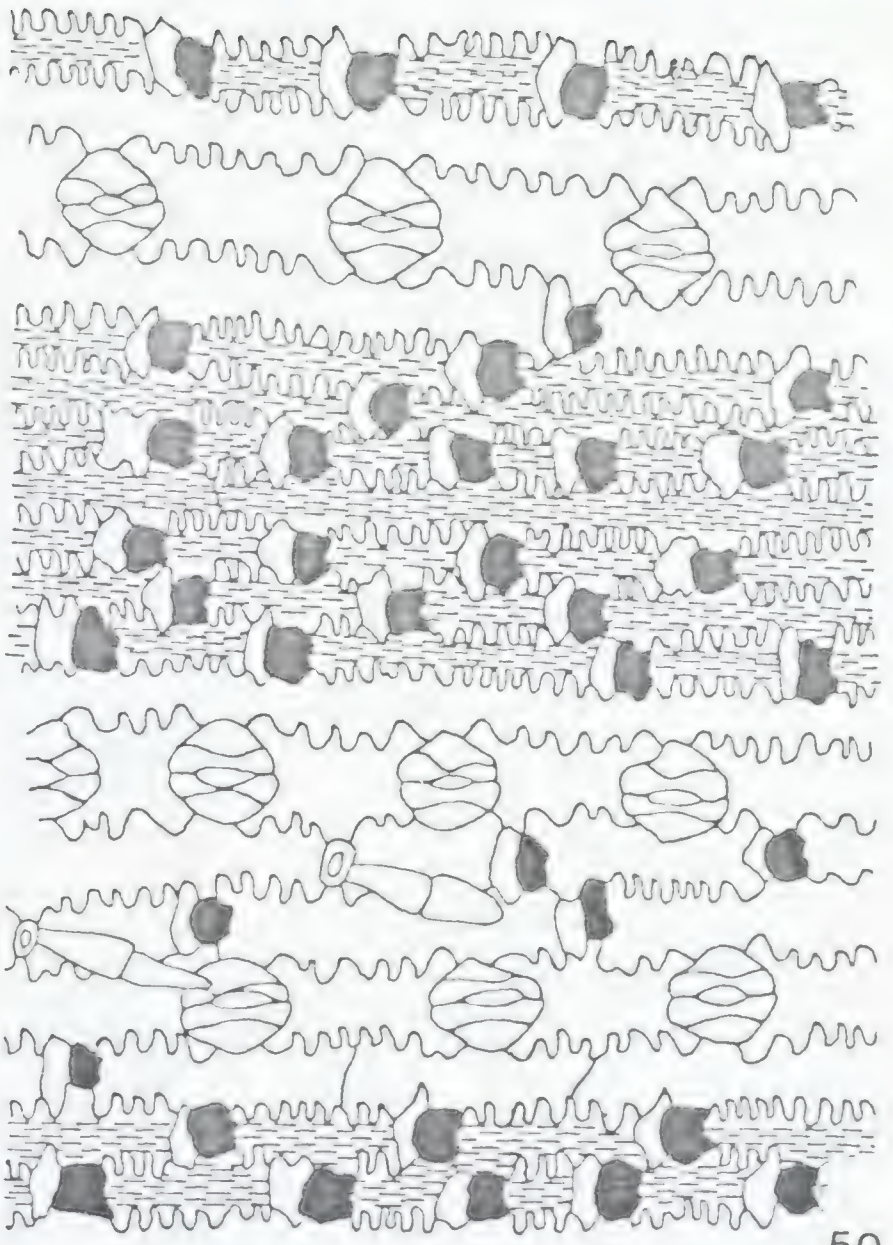

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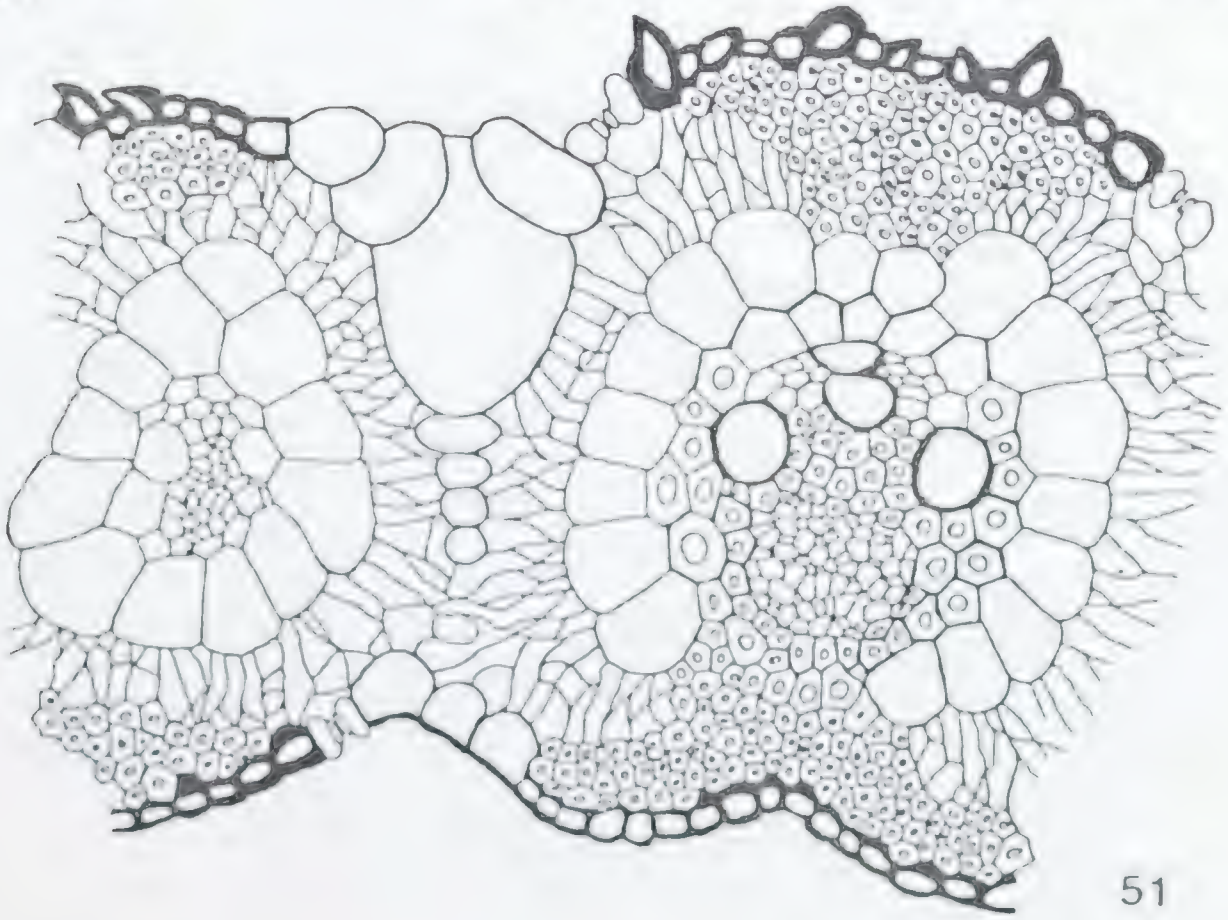

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PLANCHE 18-A

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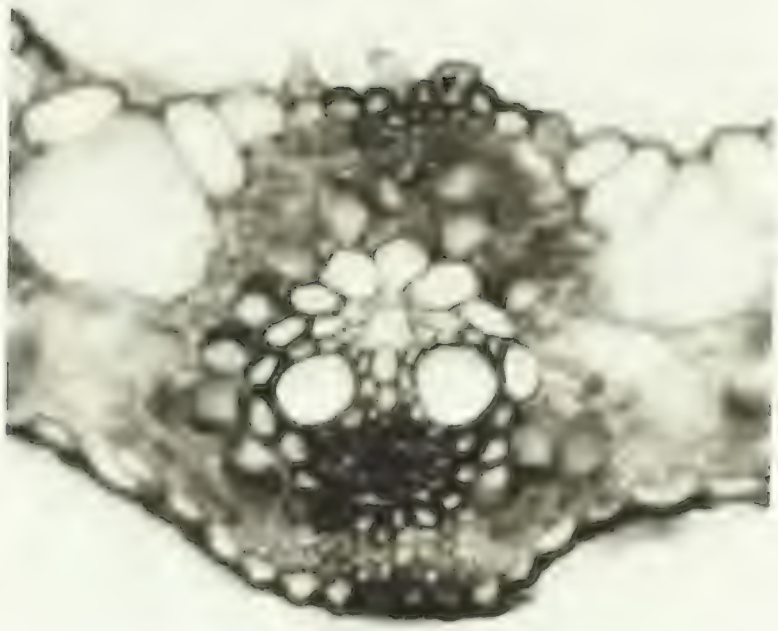

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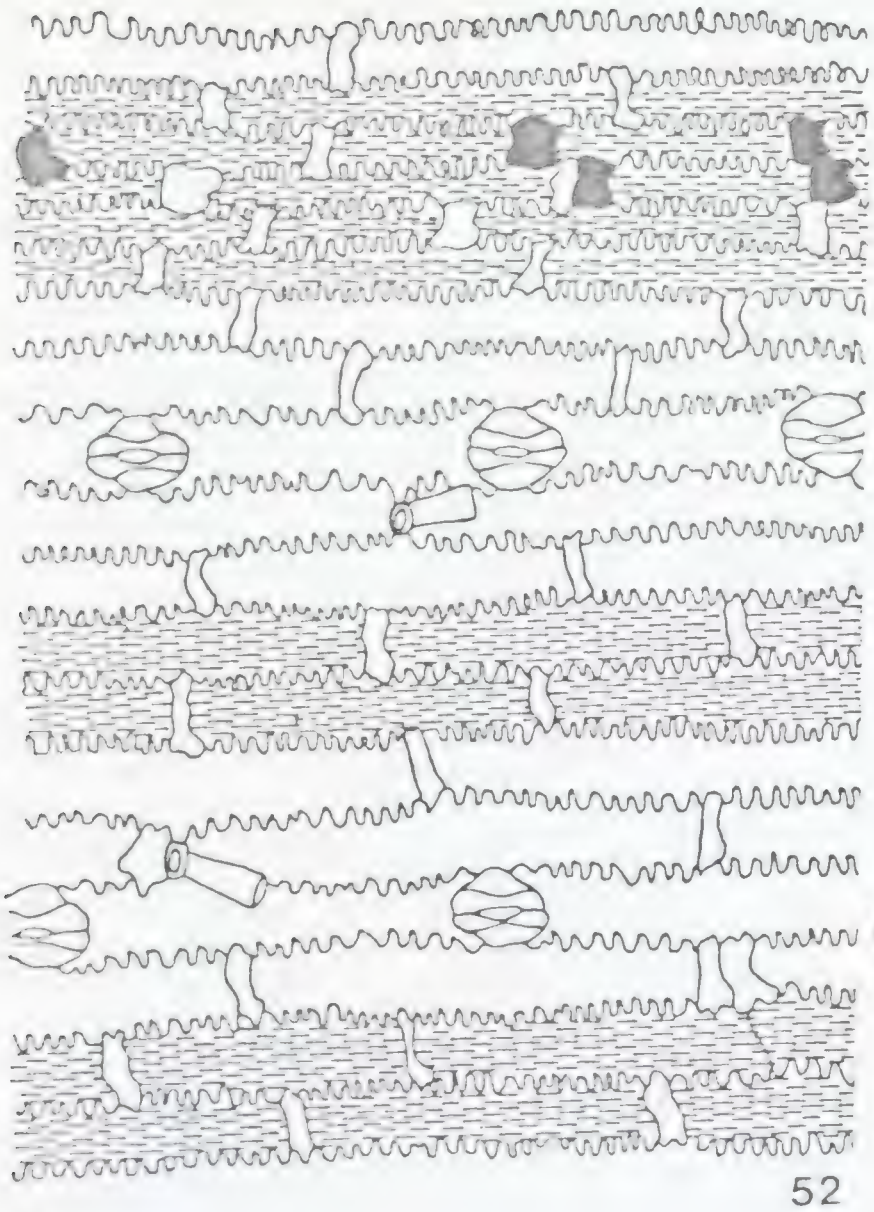
PLANCHE 18-B



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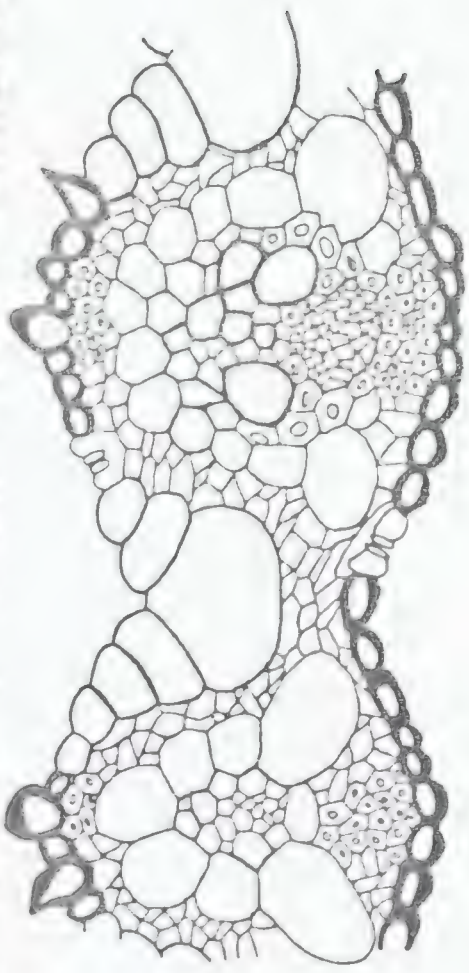

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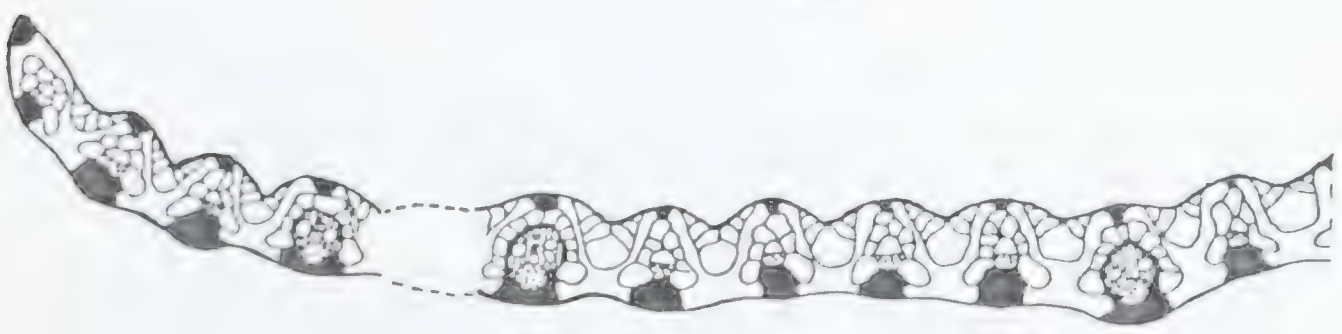

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PLANCHE 19 - A

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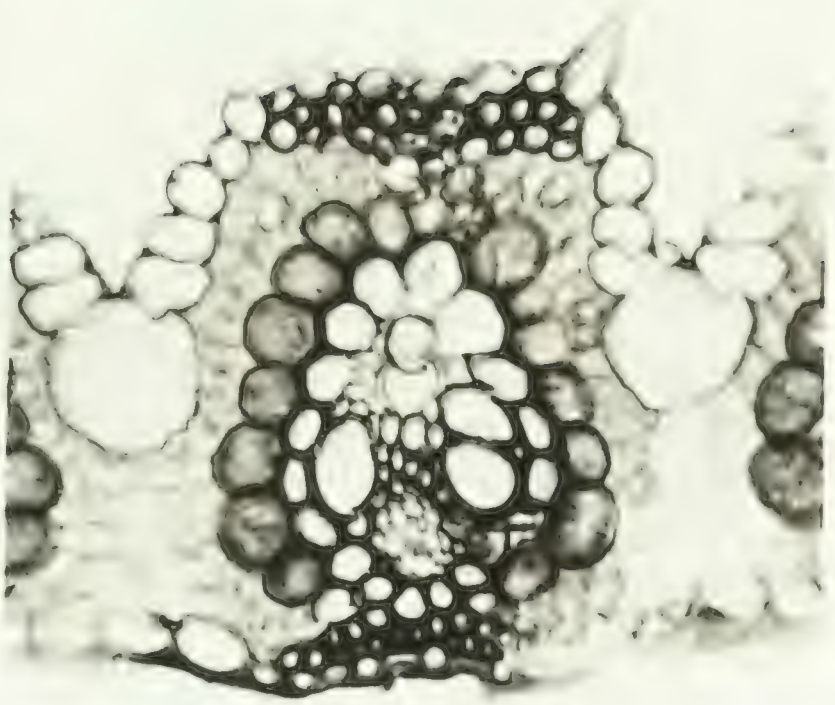

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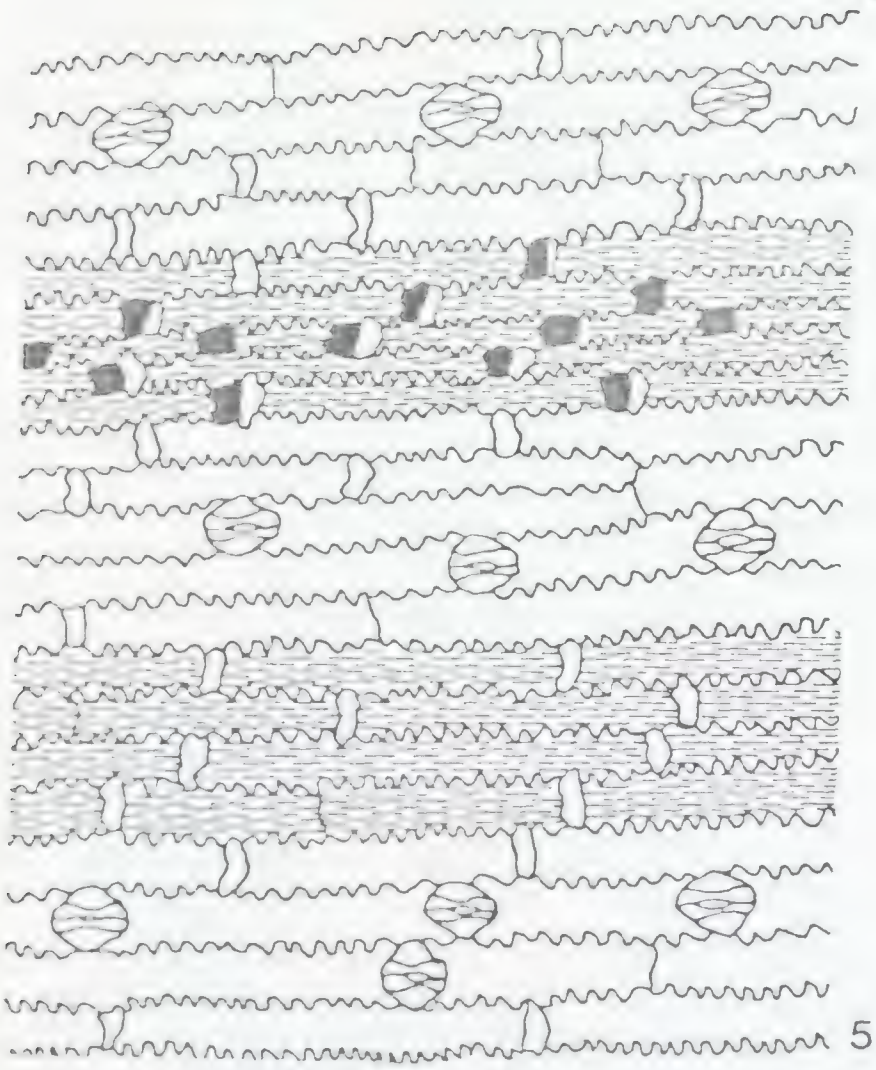
PLANCHE 19-B



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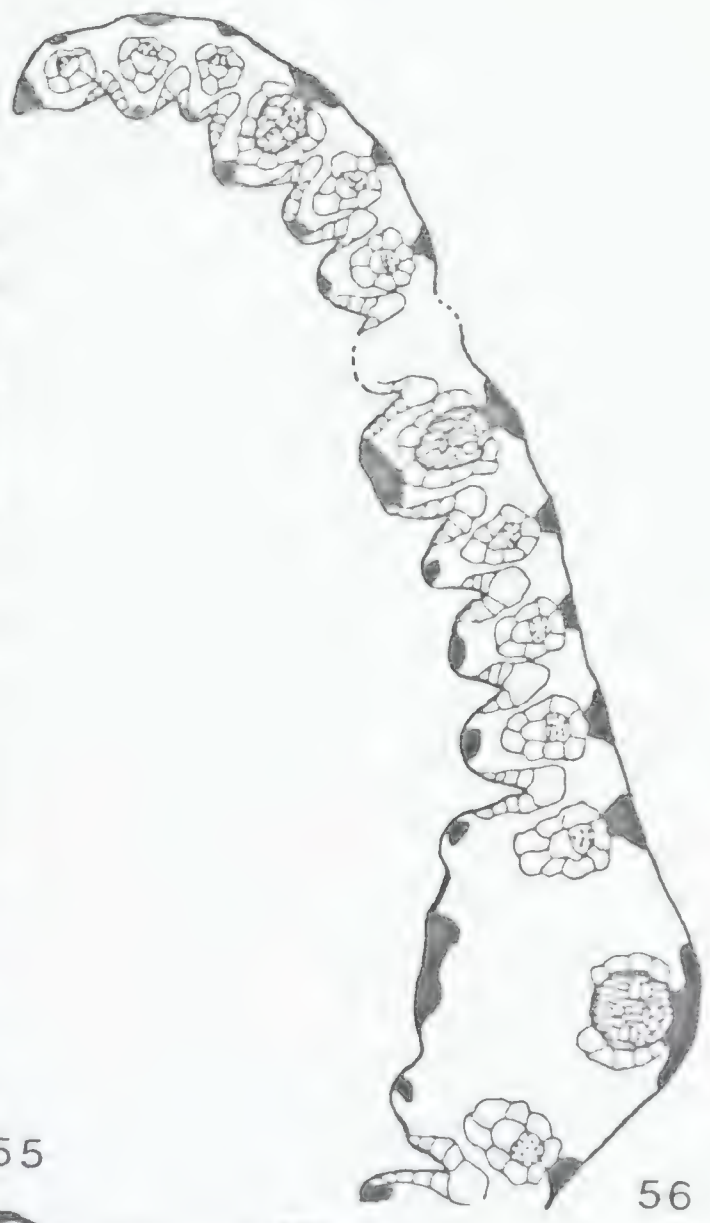

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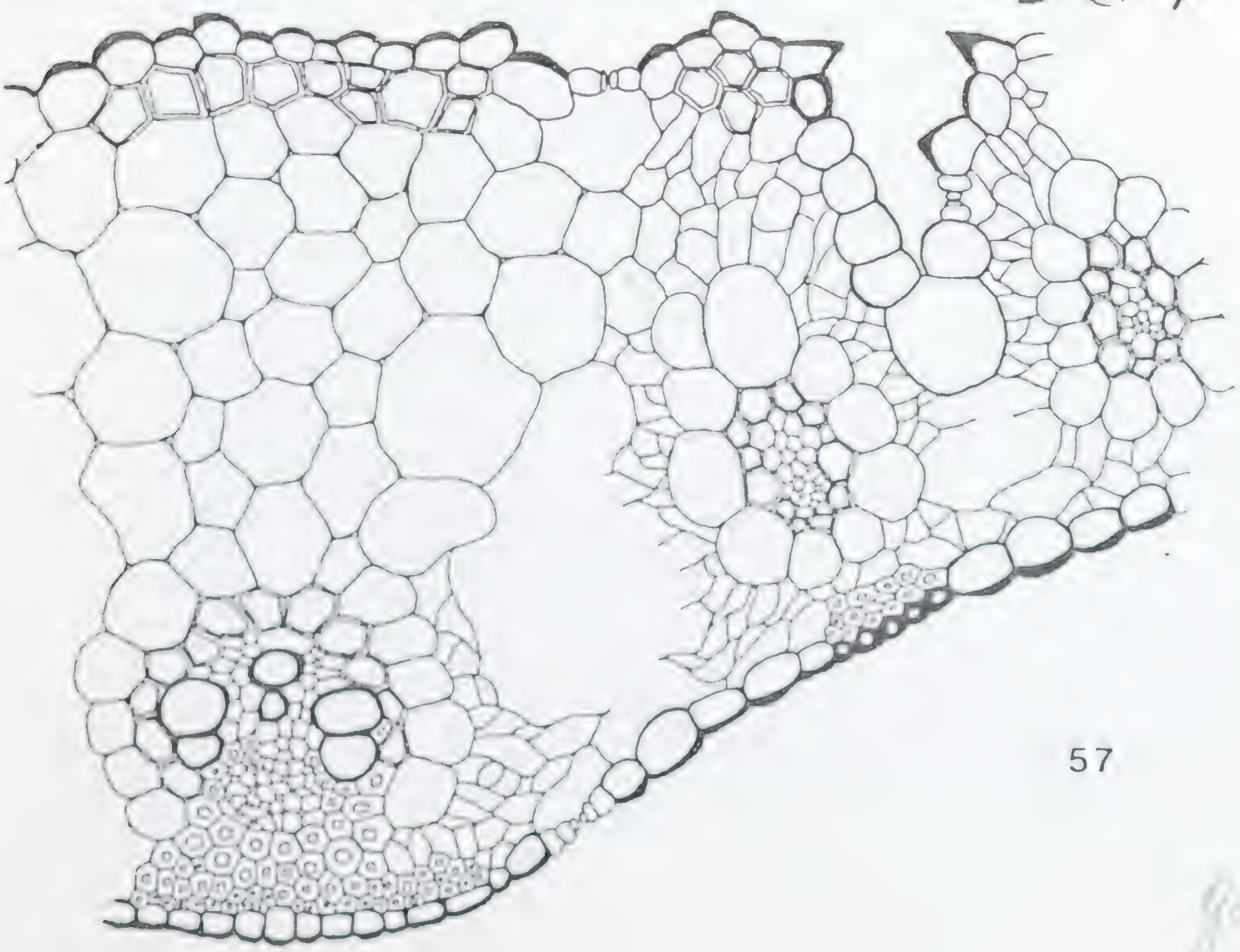

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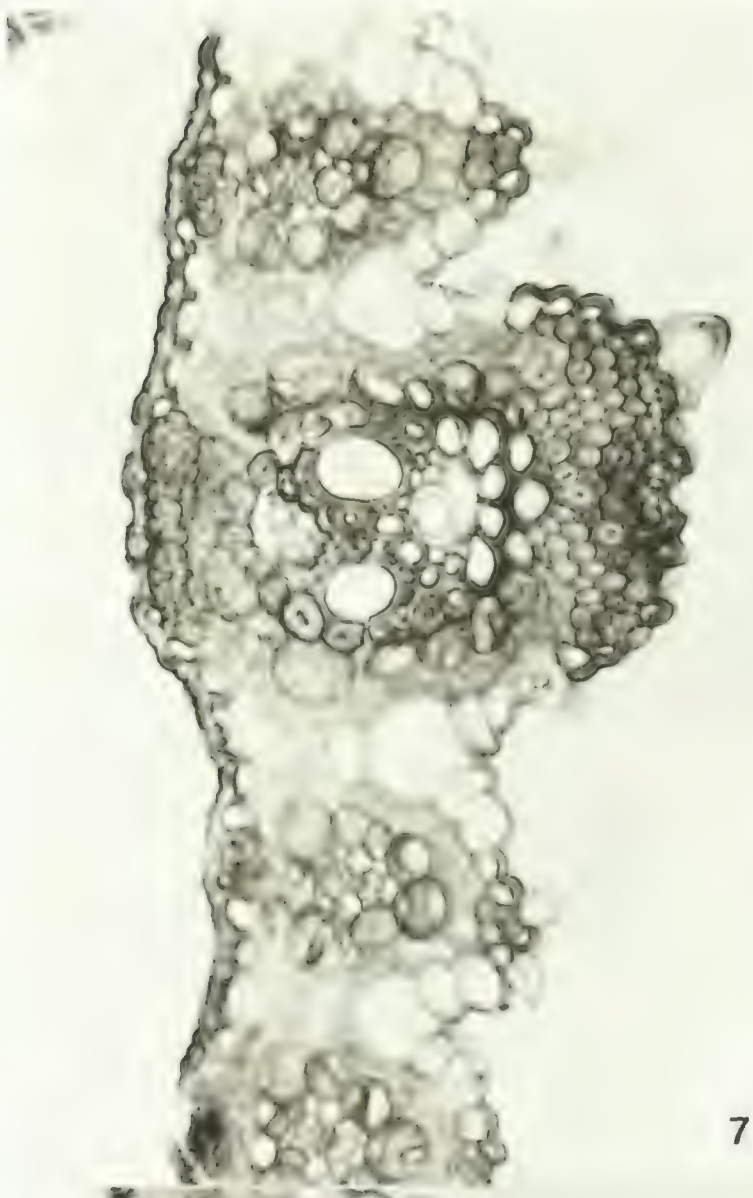
PLANCHE 20-A



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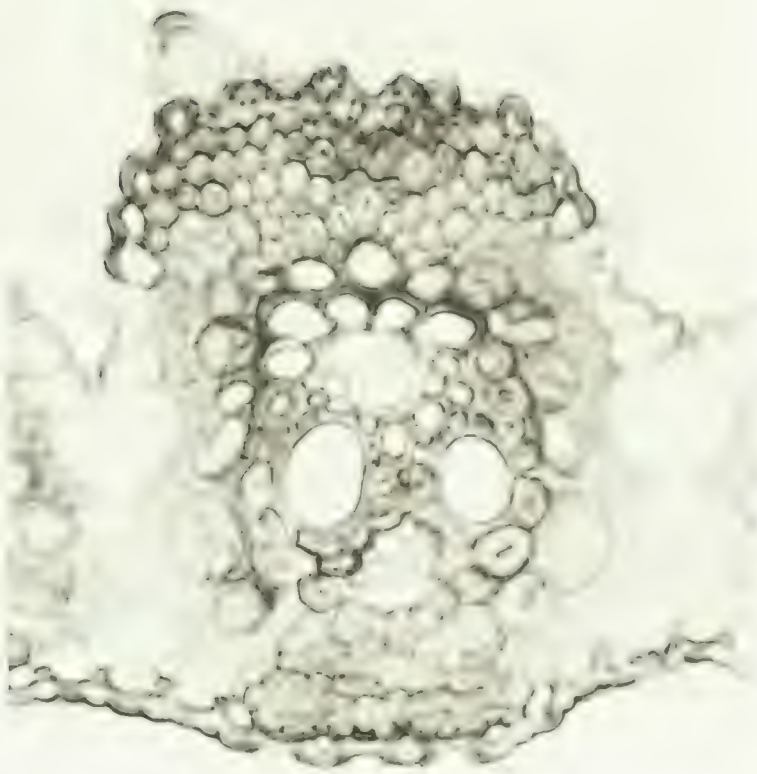

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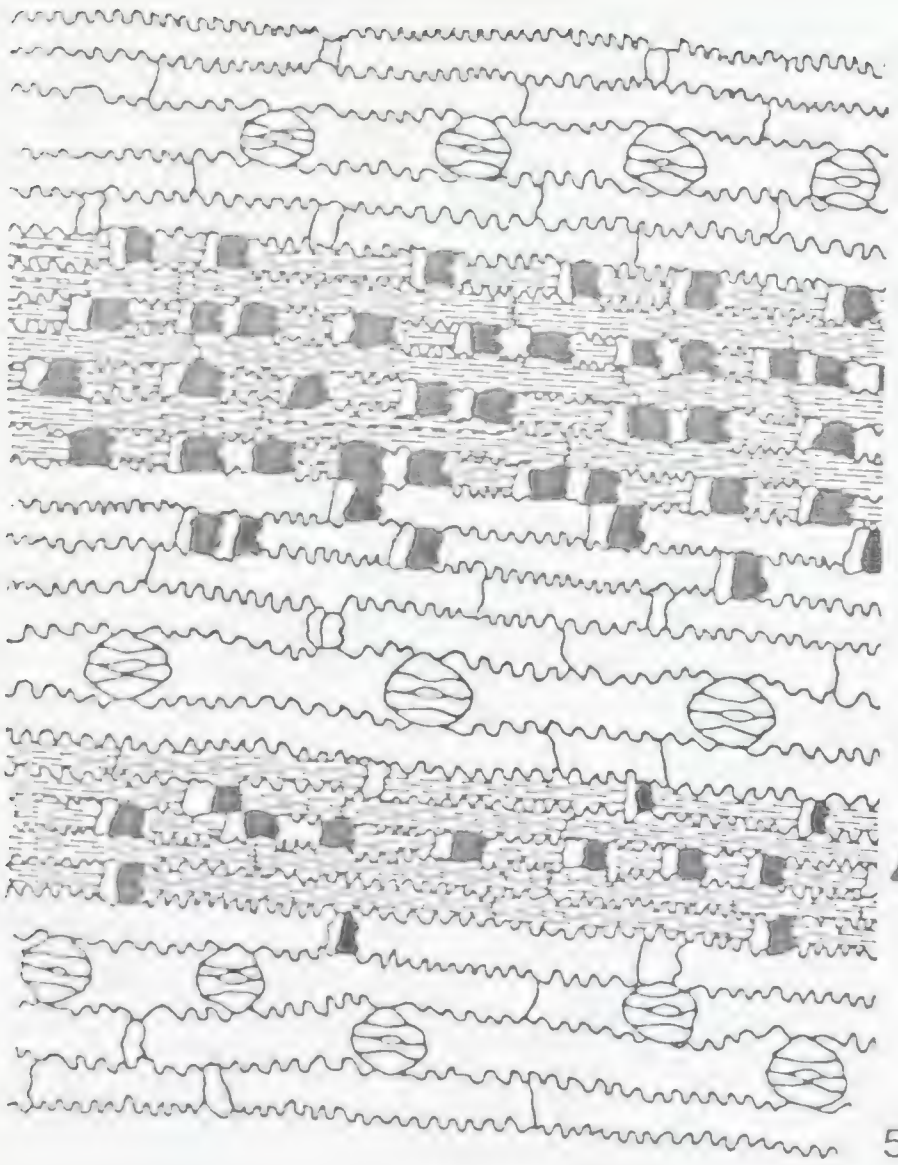
PLANCHE 20-B



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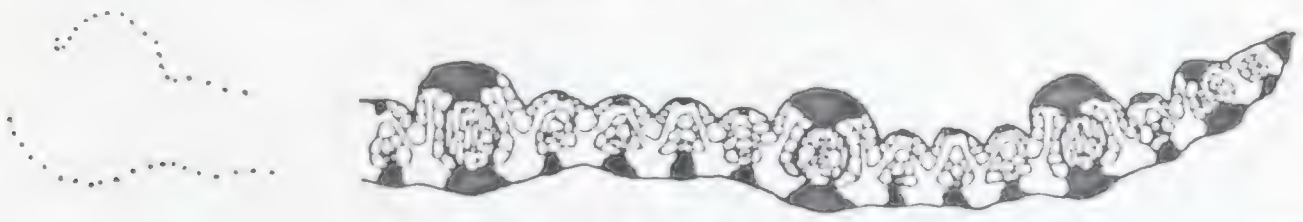

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PLANCHE 21-A

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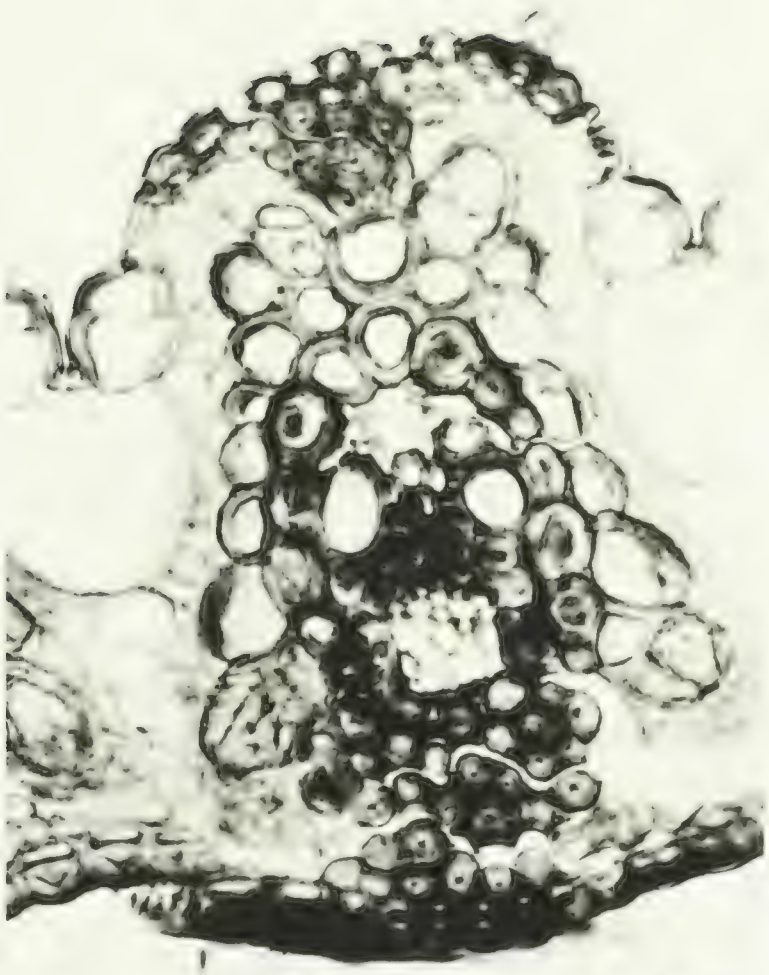

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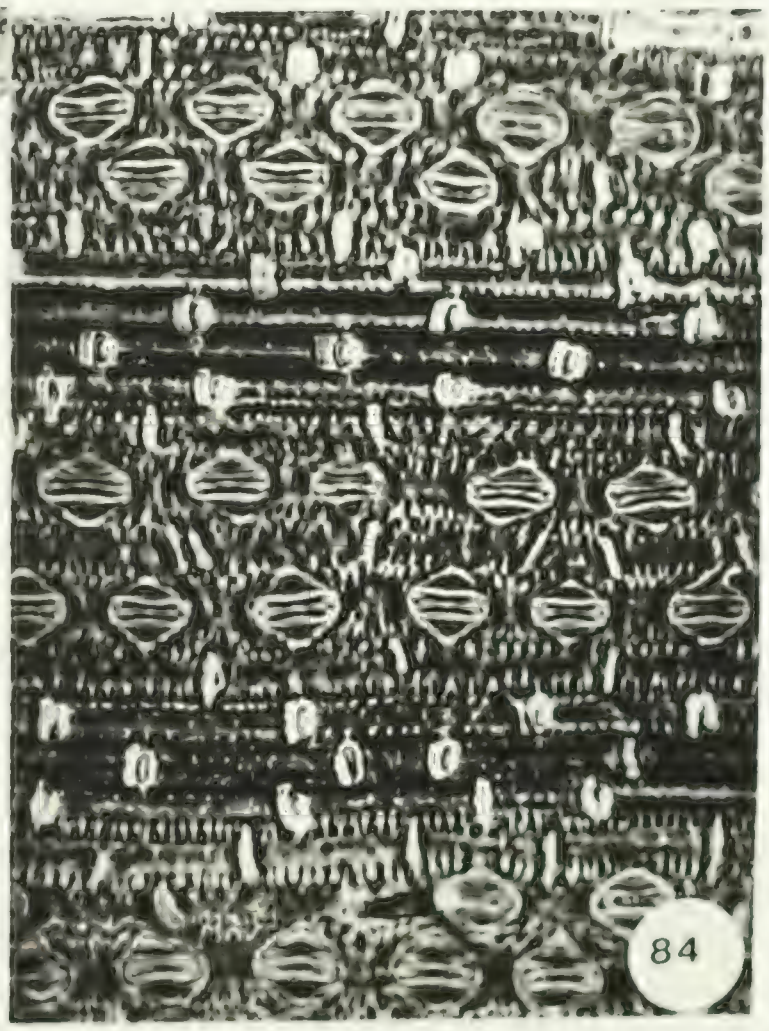

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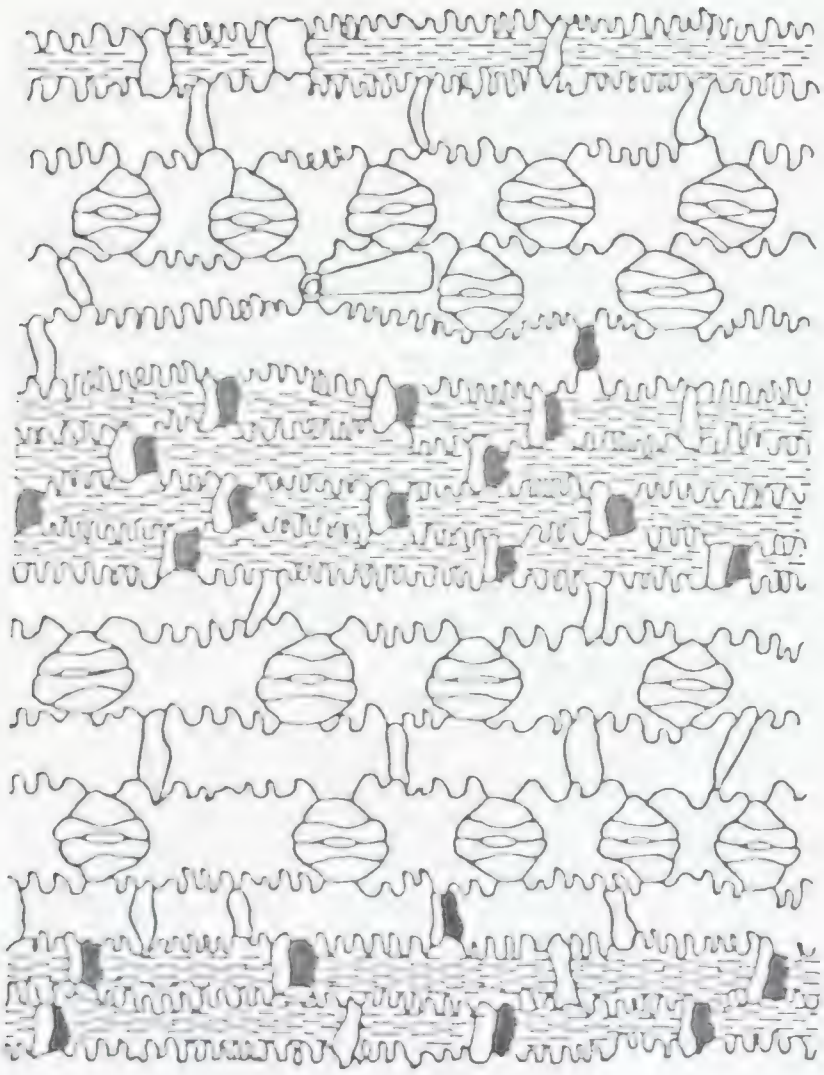
PLANCHE 21-B



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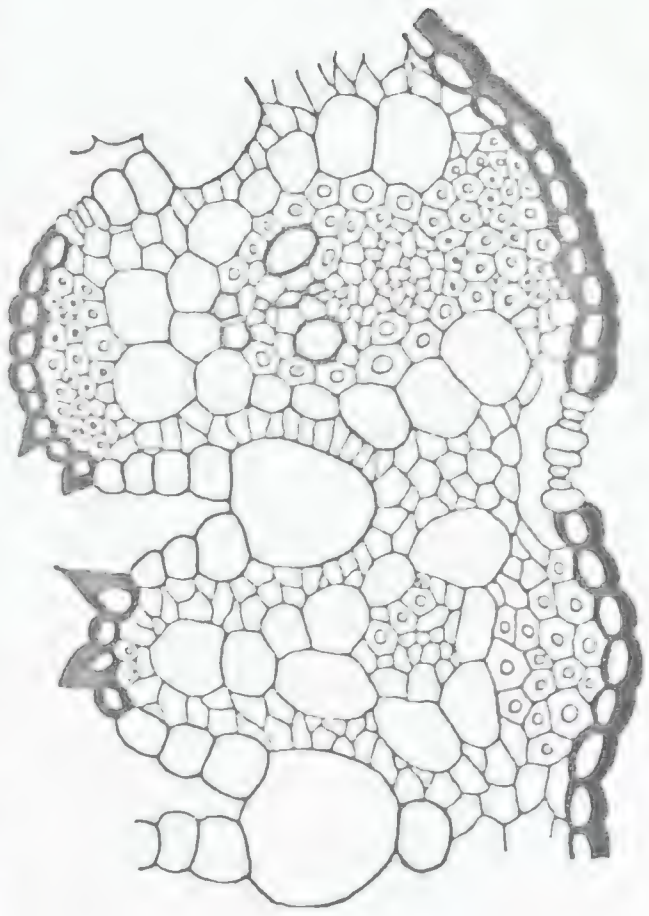

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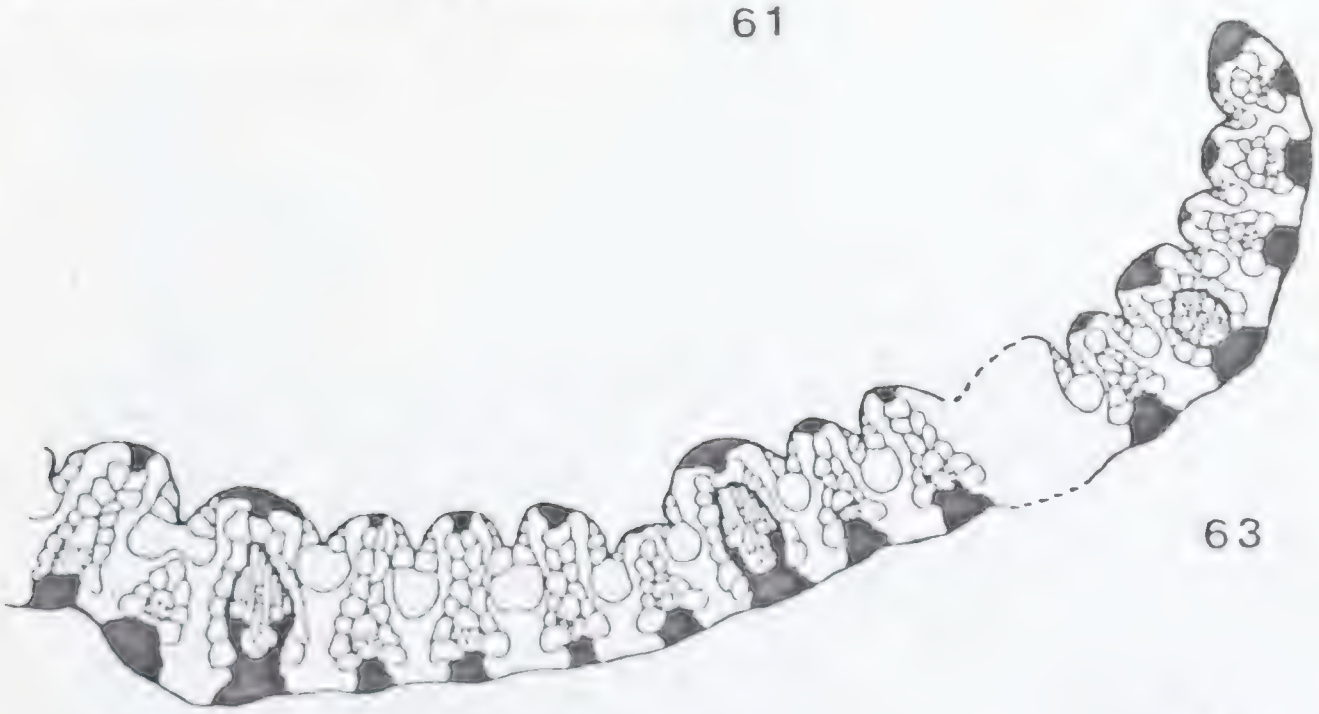

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PLANCHE 22-A

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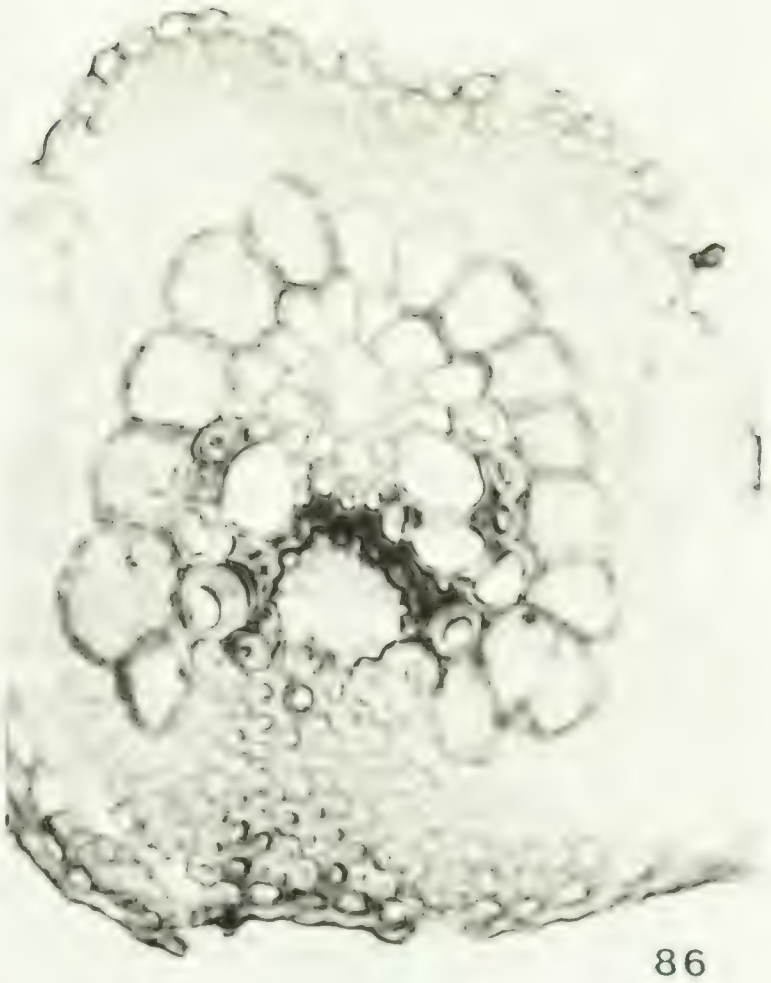

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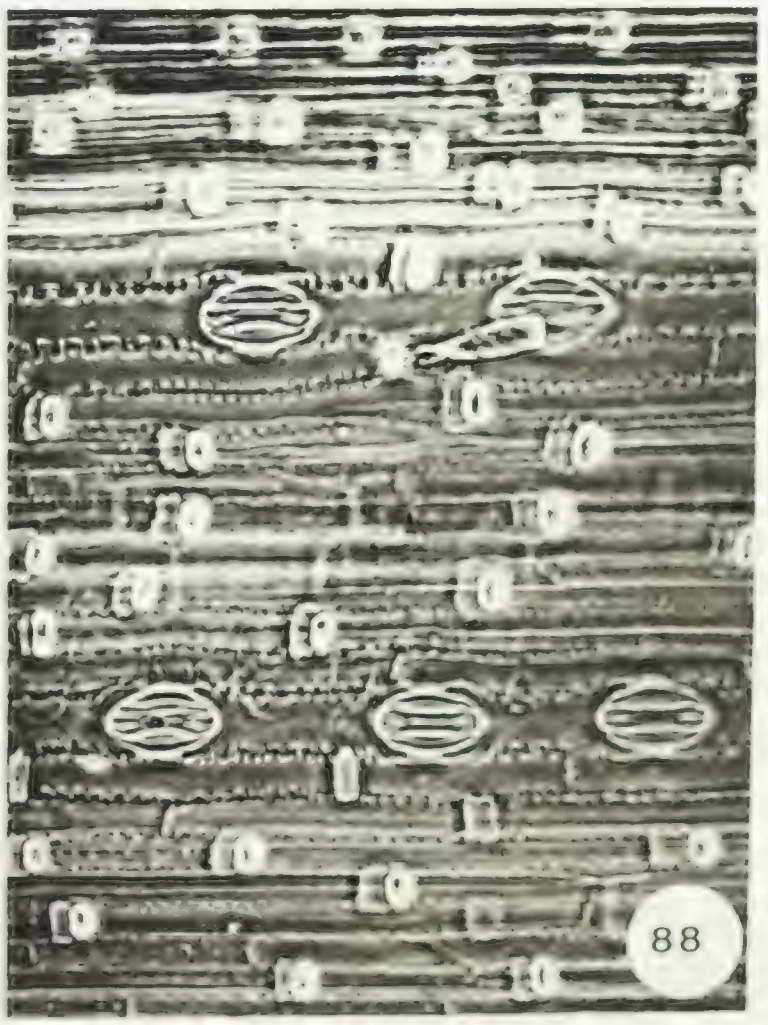

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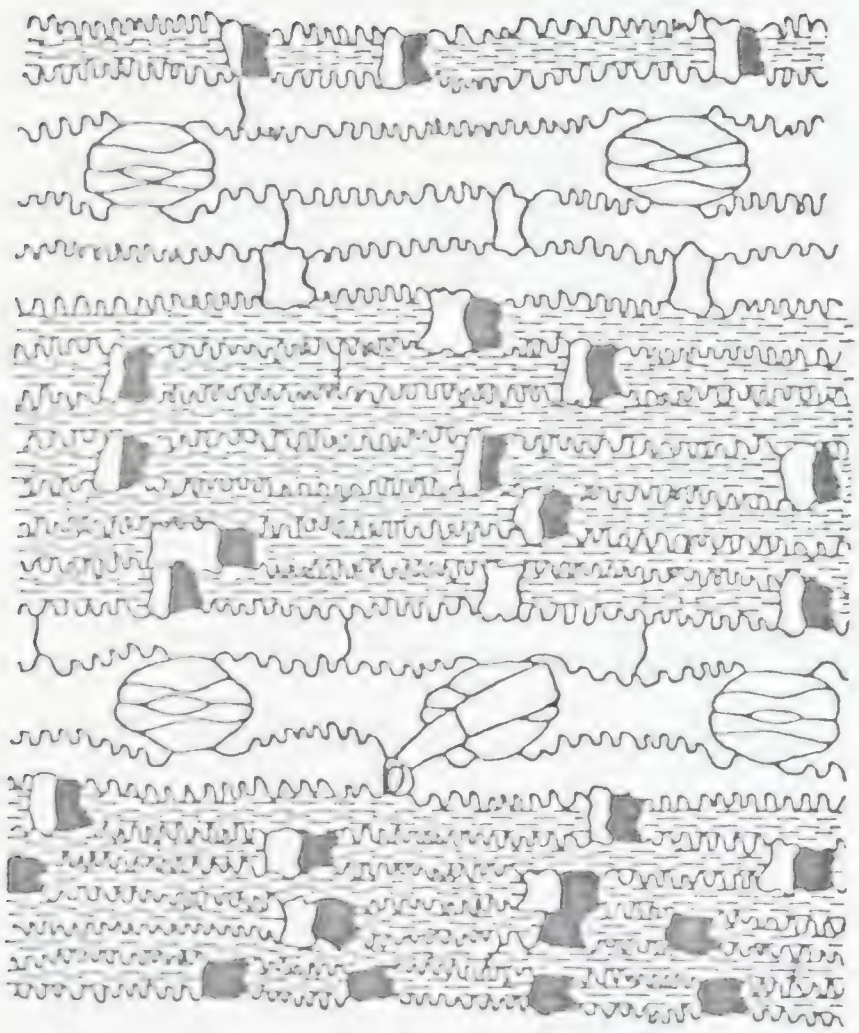
PLANCHE 22-B



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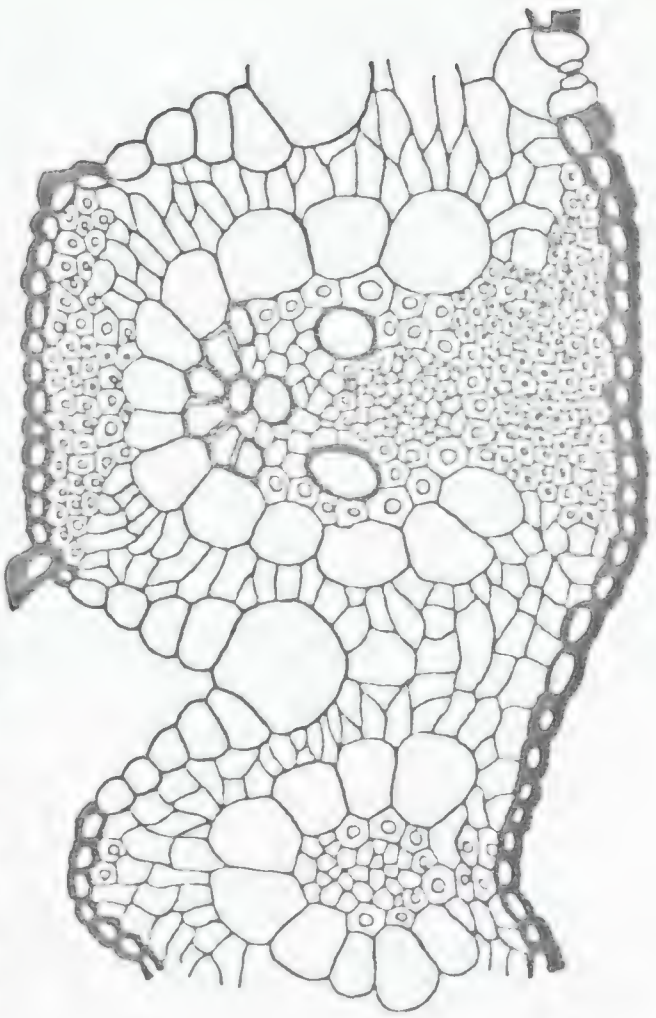

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PLANCHE 23-A

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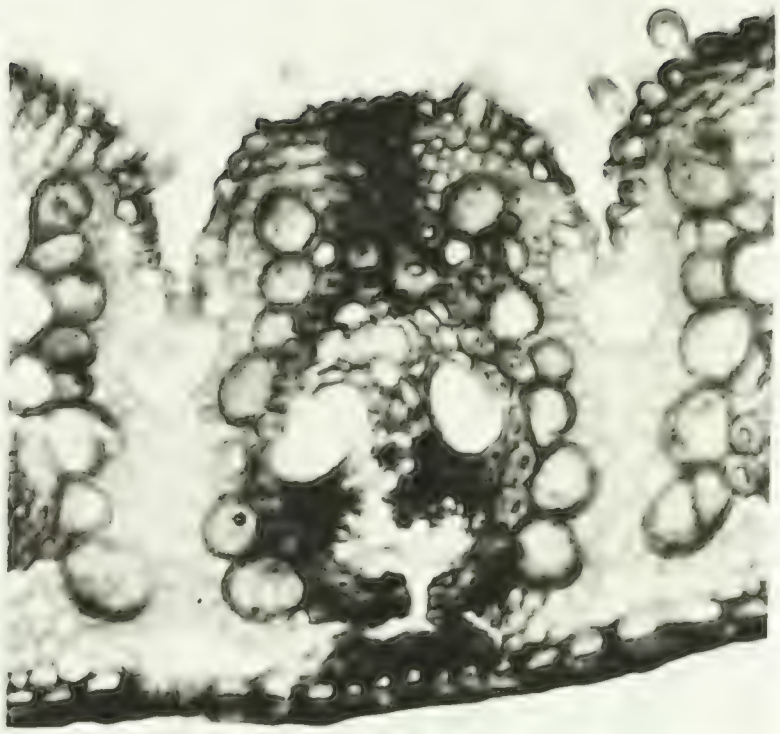

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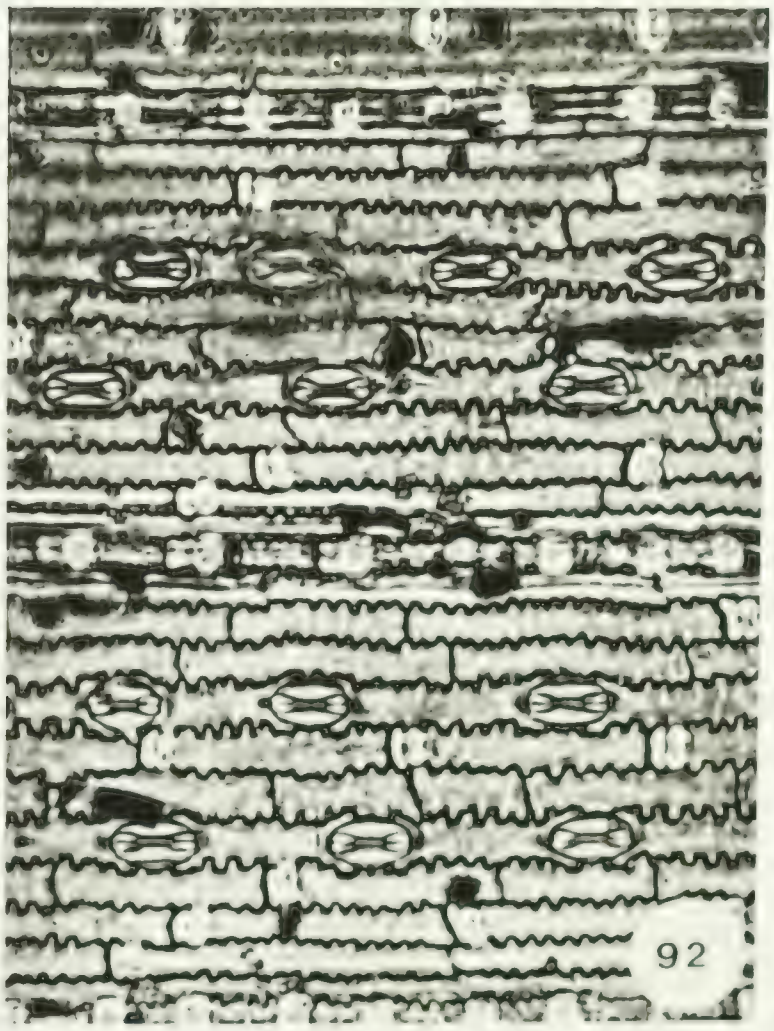

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PLANCHE 23-B

67

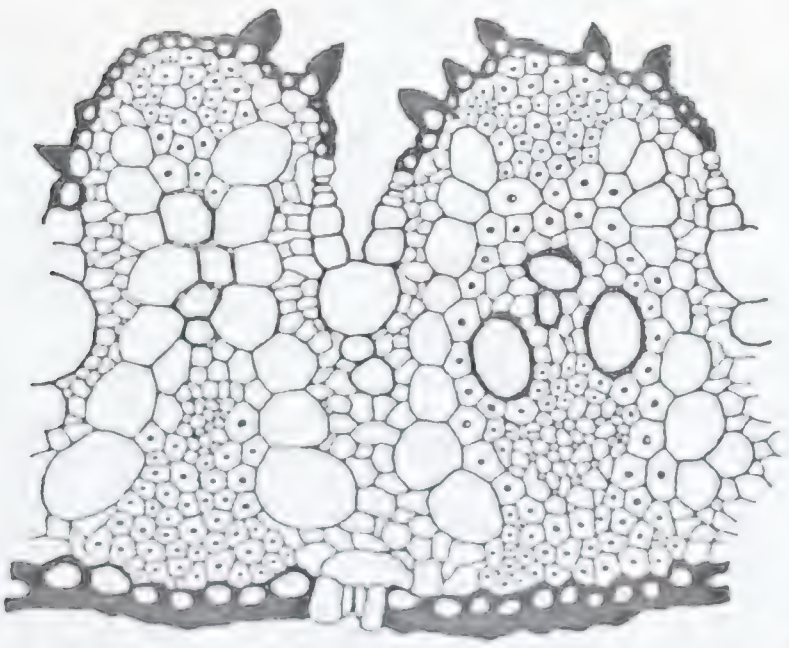

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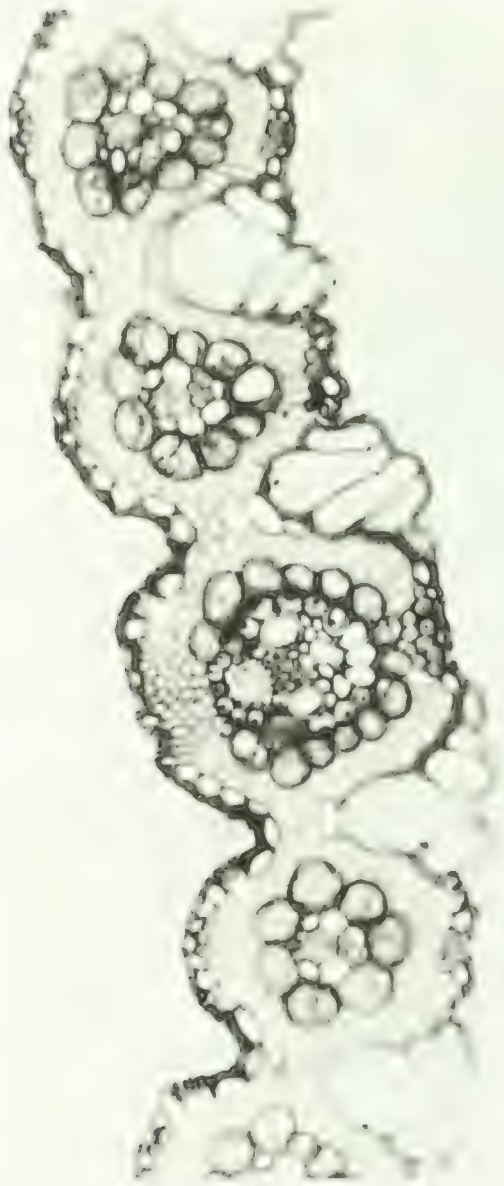
PLANCHE 24-A



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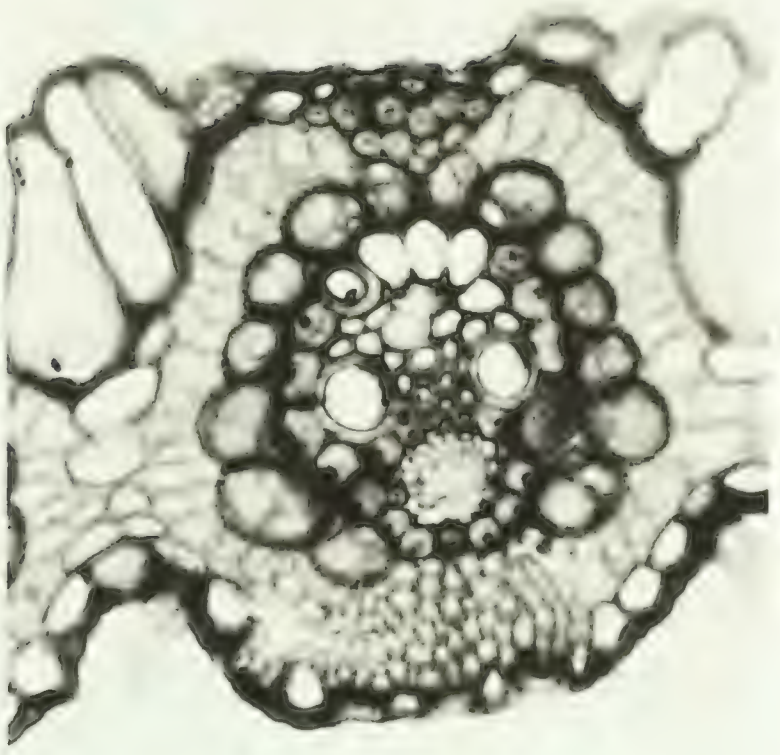

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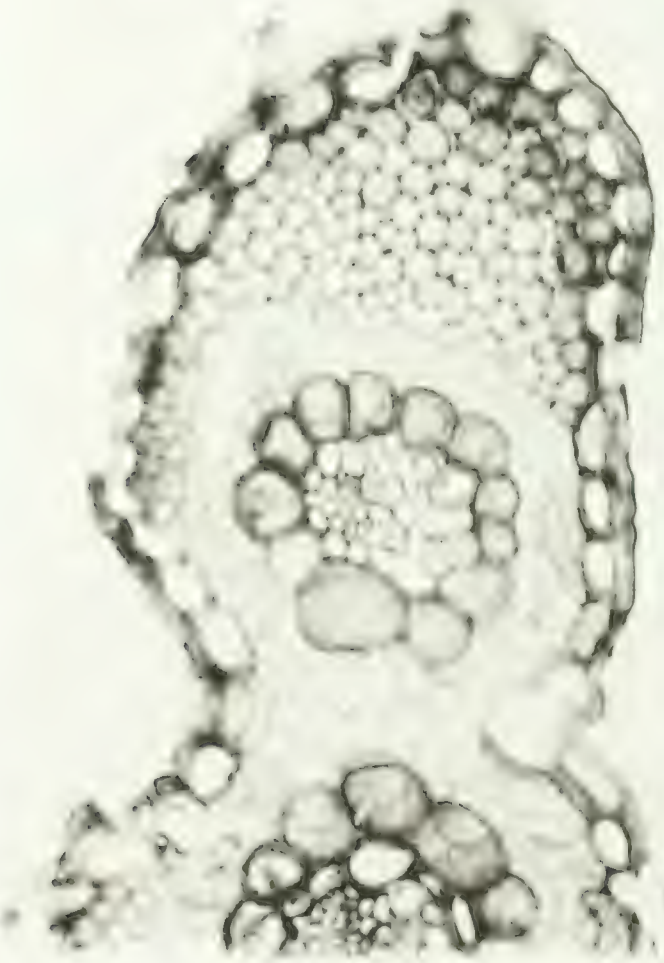

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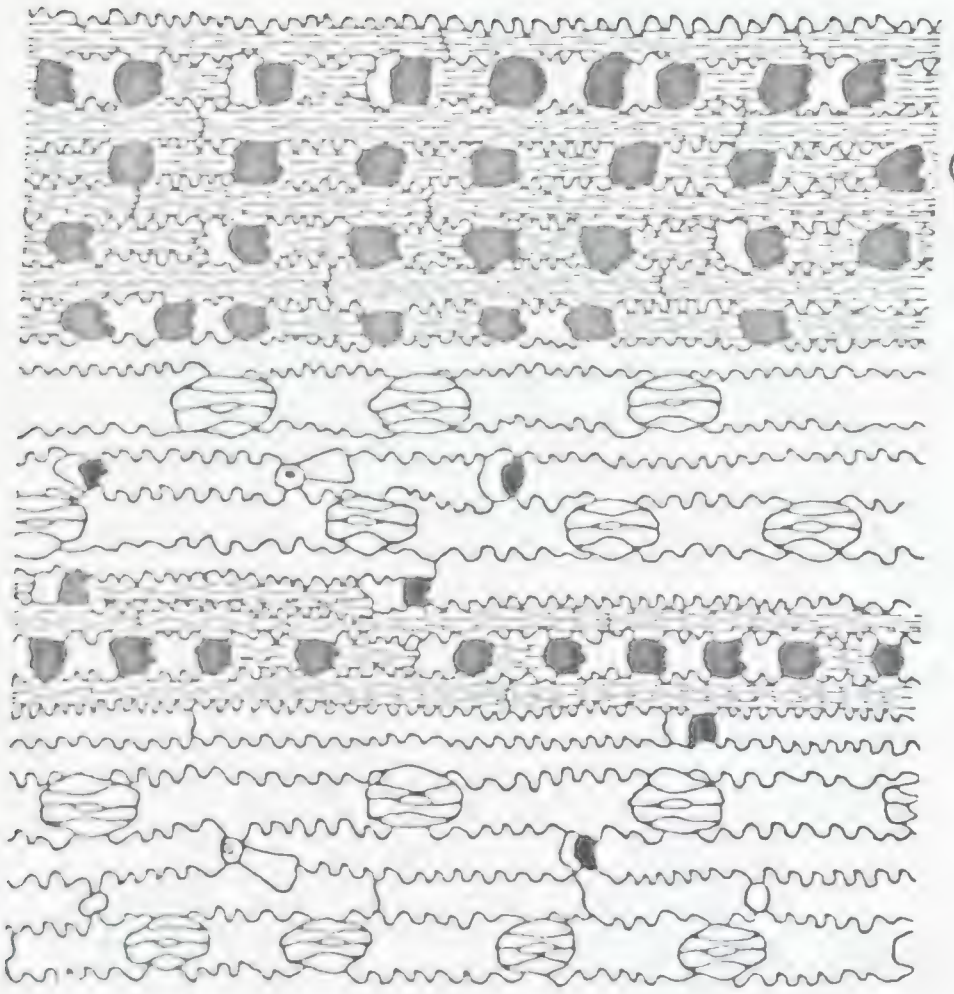
PLANCHE 24 - B



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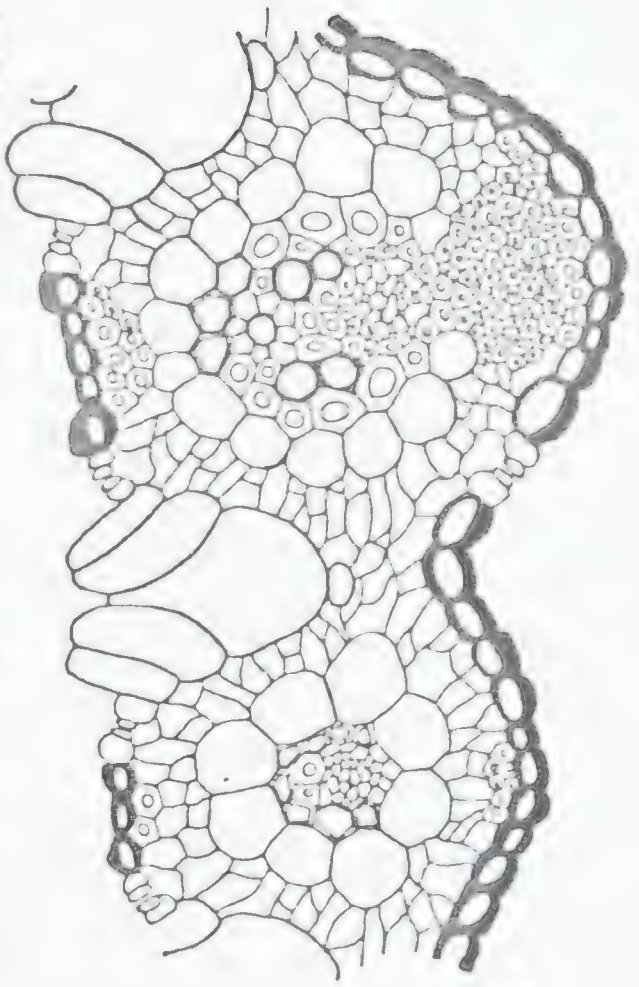

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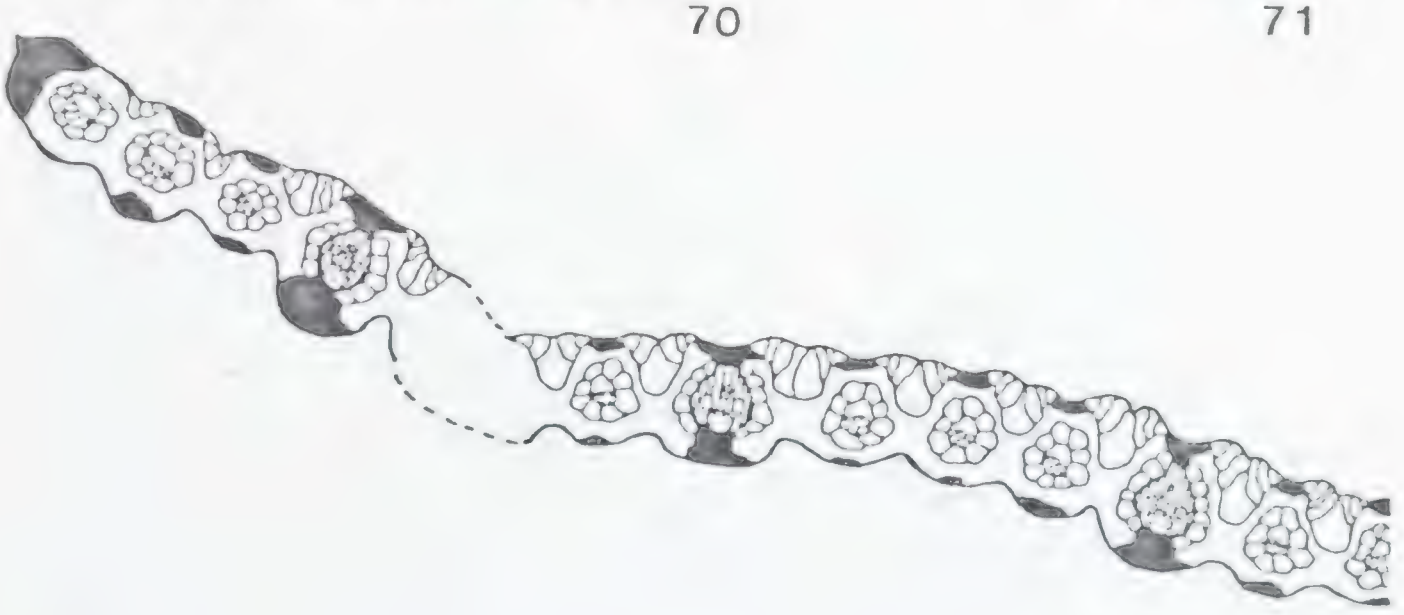

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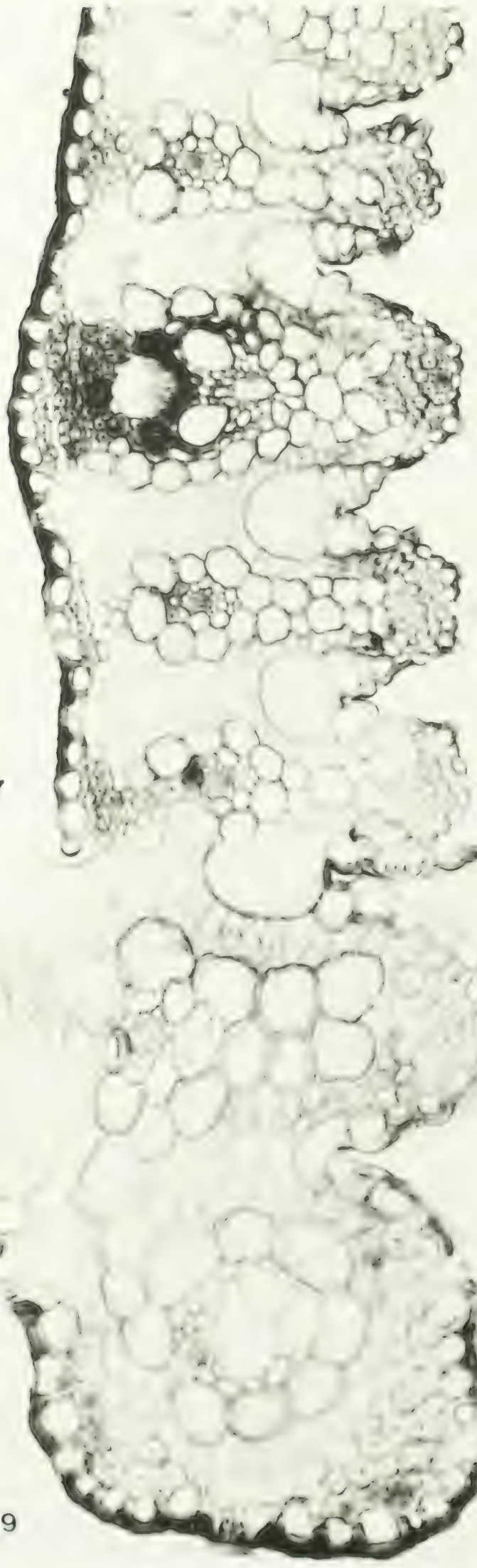
PLANCHE 25-A



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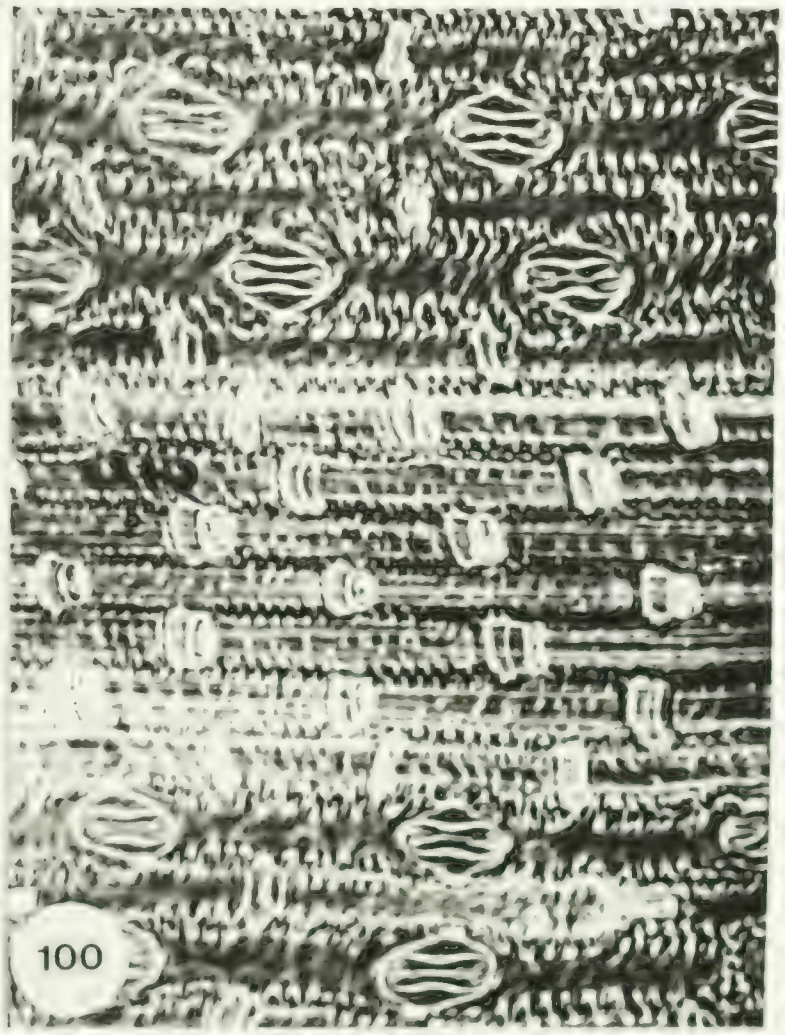

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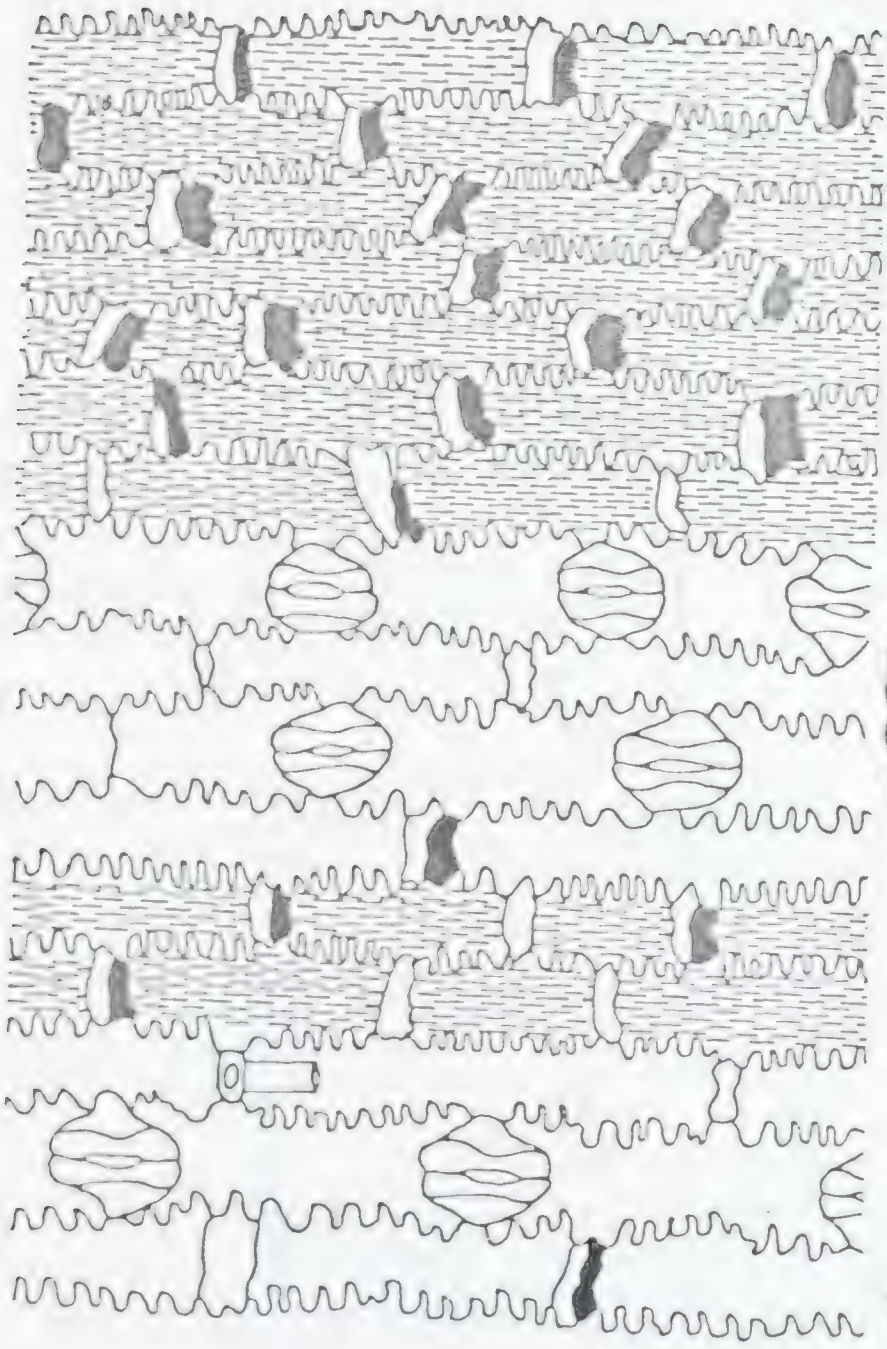
PLANCHE 25-B



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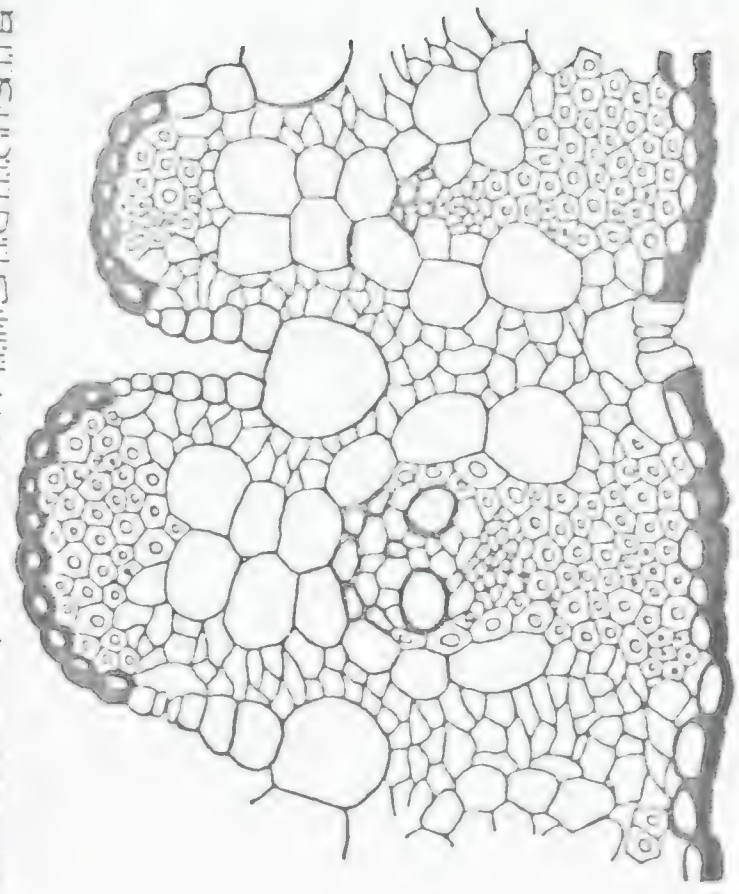

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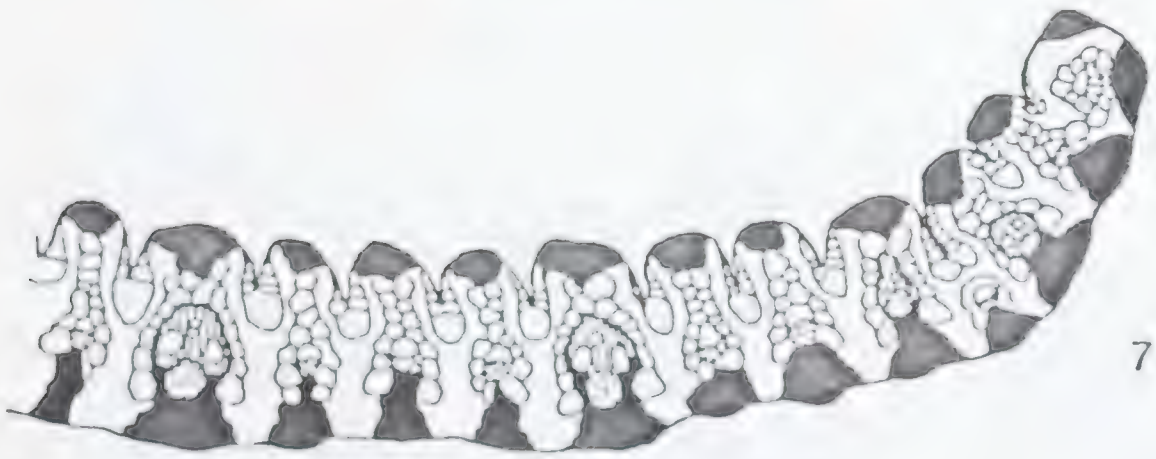

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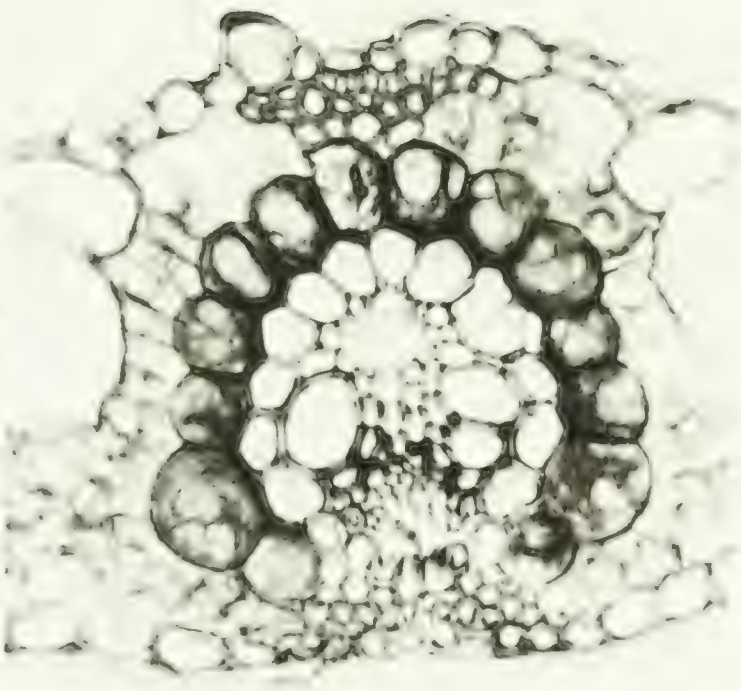
PLANCHE 26-A

101



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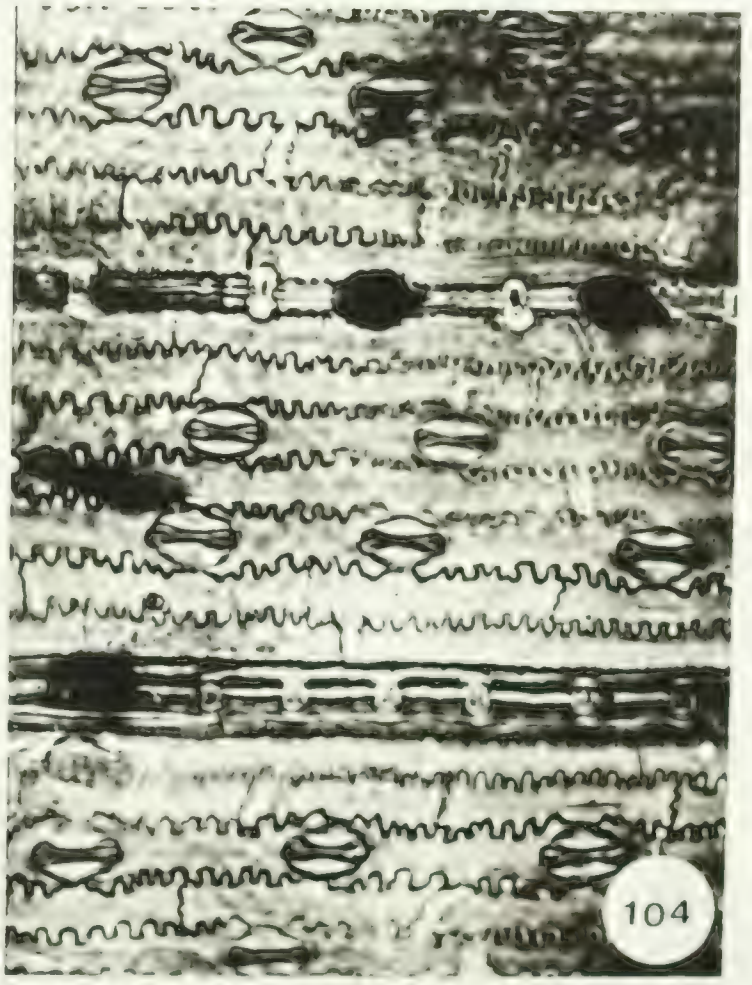

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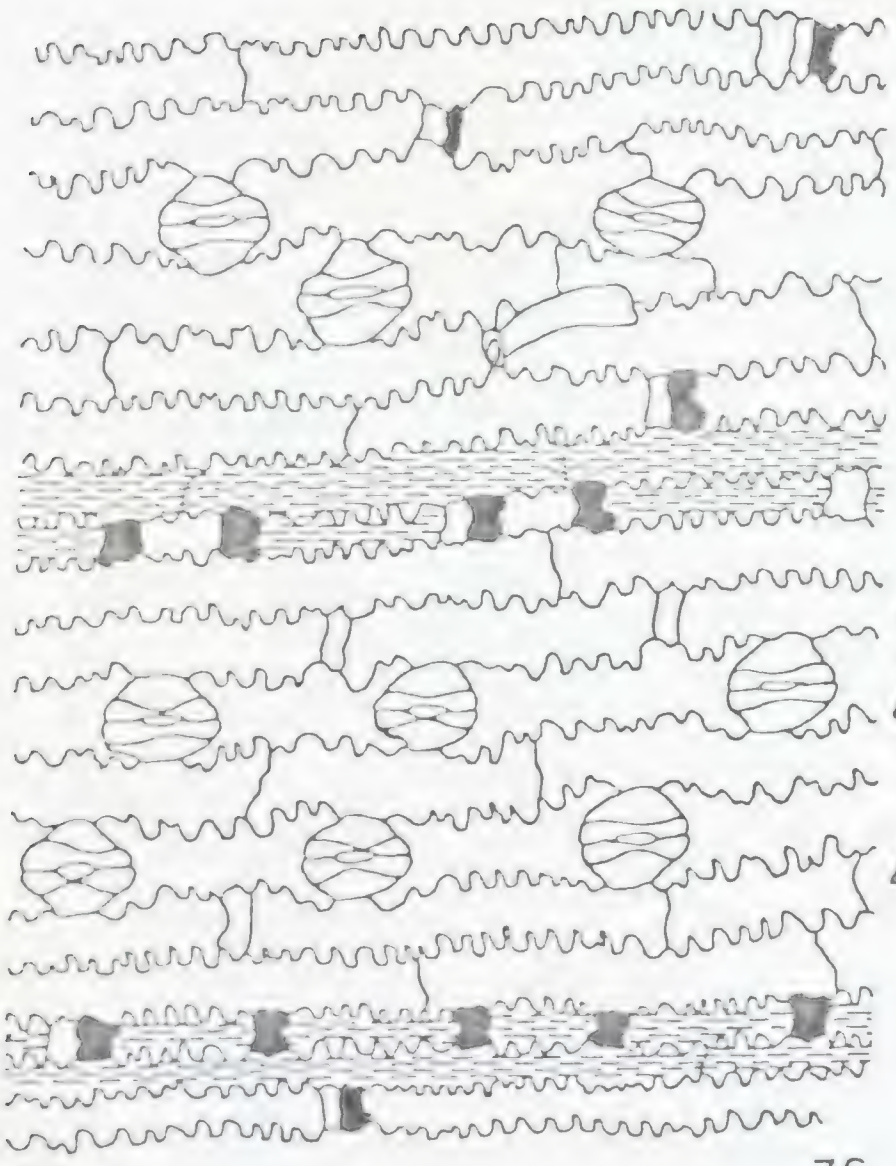
PLANCHE 26-B



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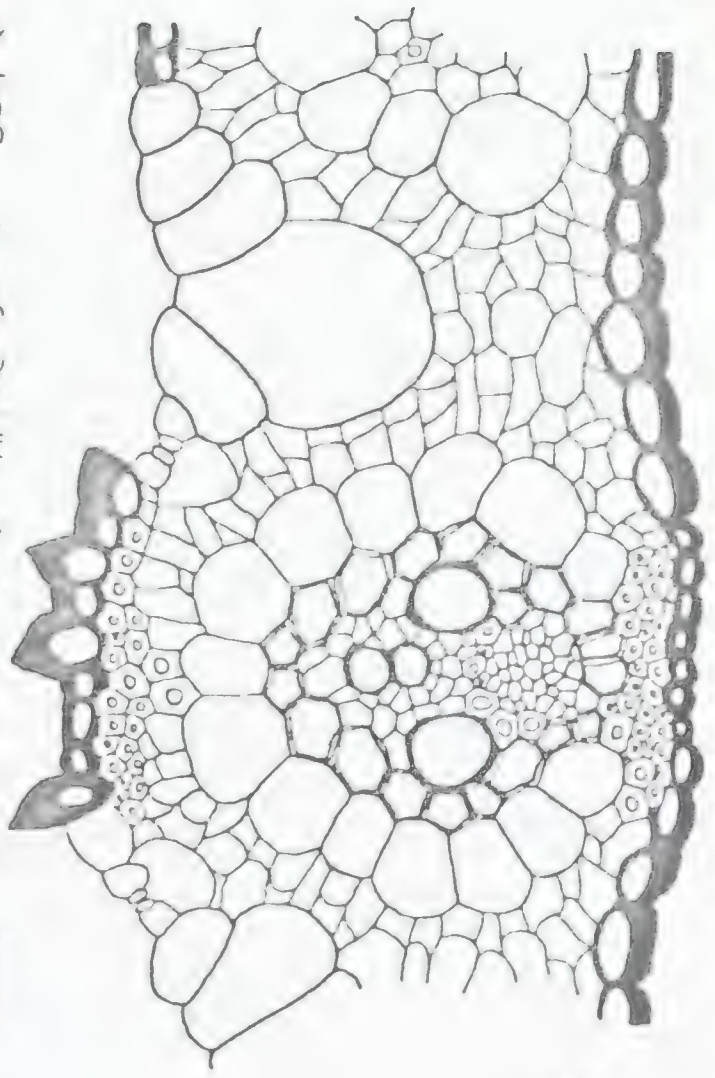

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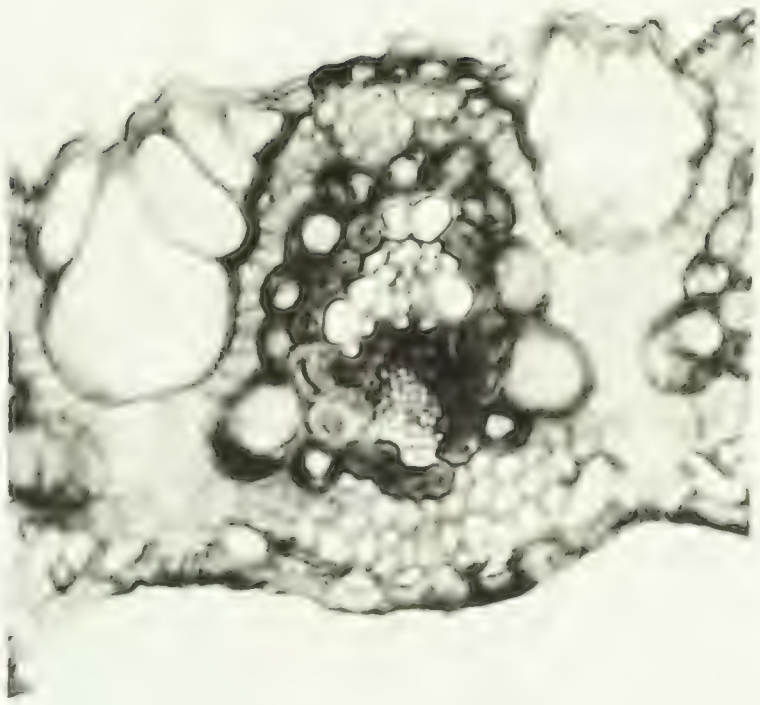
PLANCHE 27-A

105



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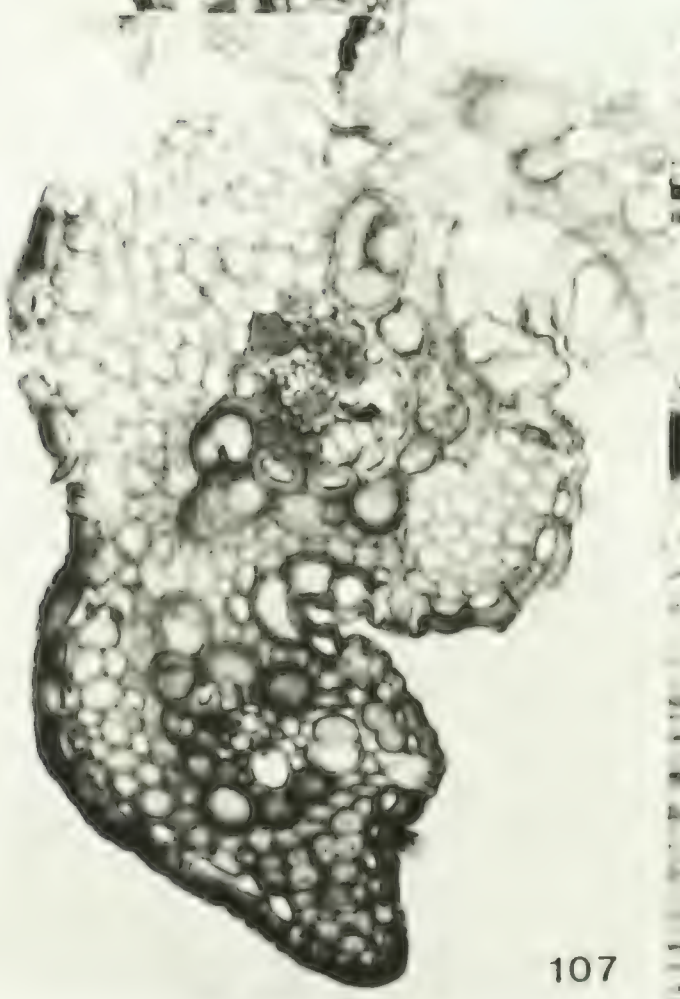

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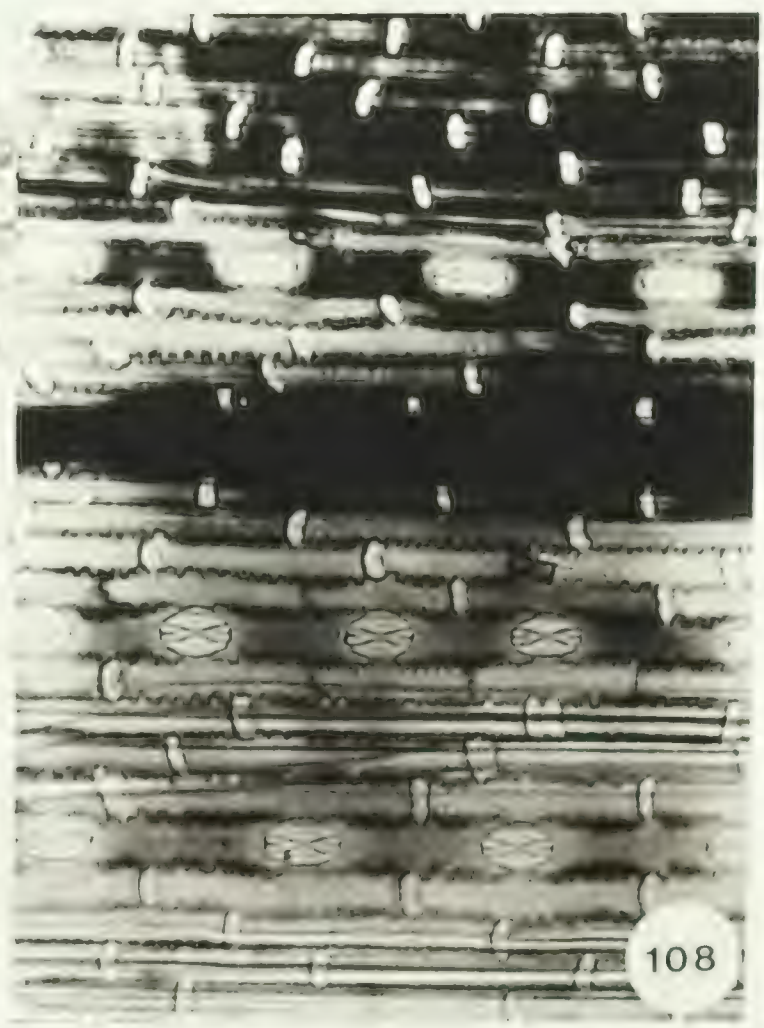

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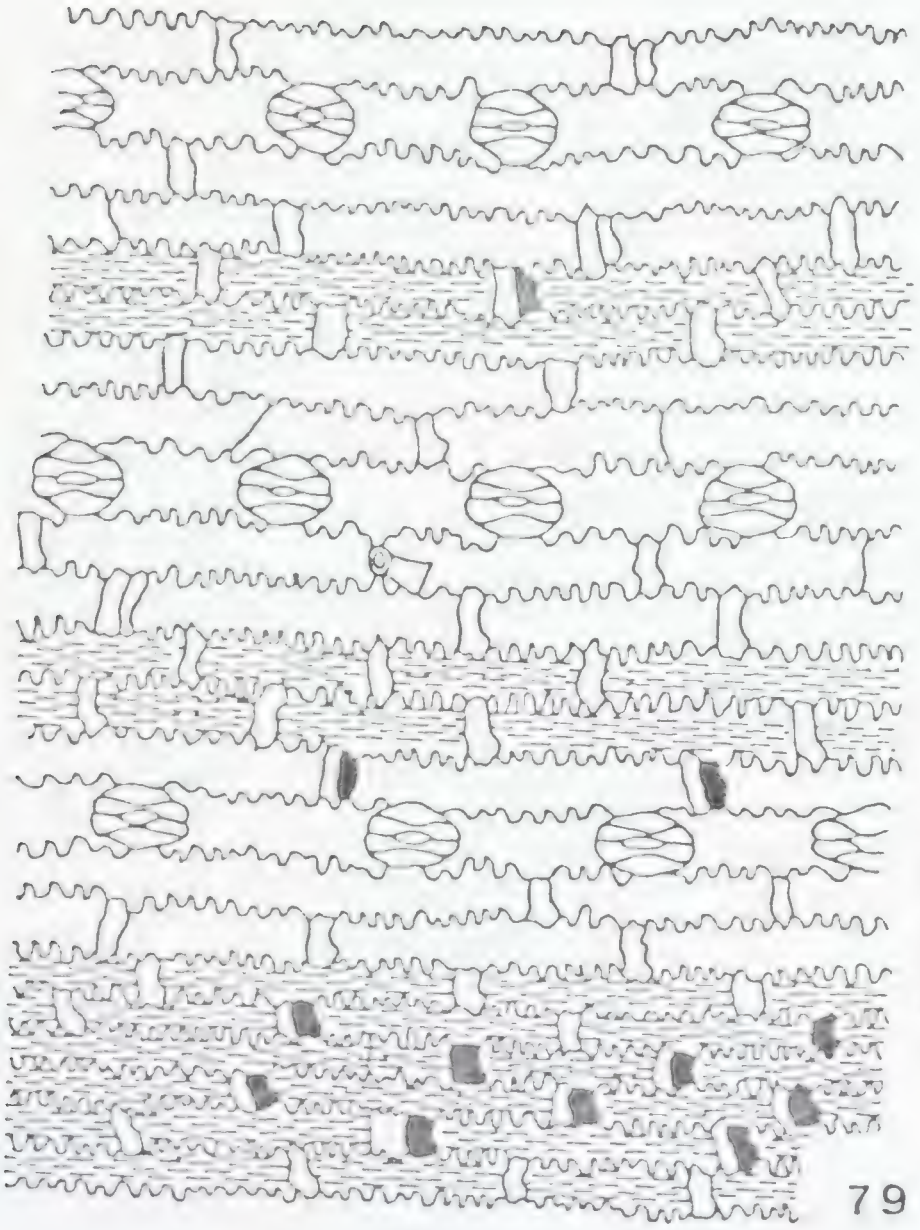
PLANCHE 27-B



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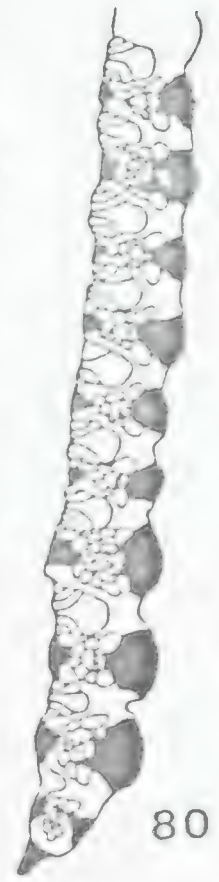

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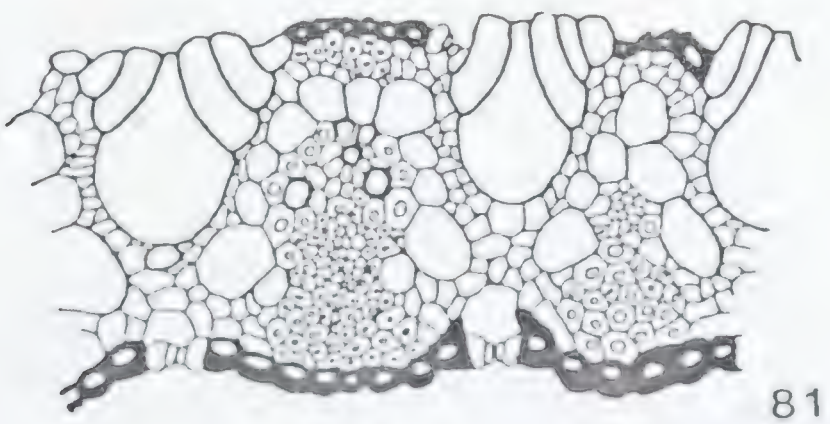

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PLANCHE 28-A

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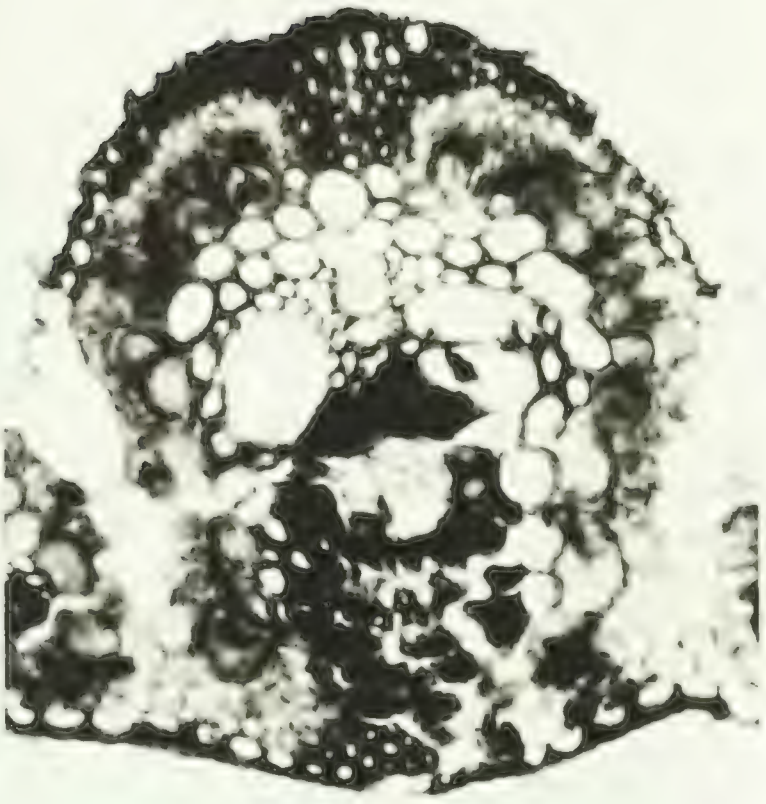

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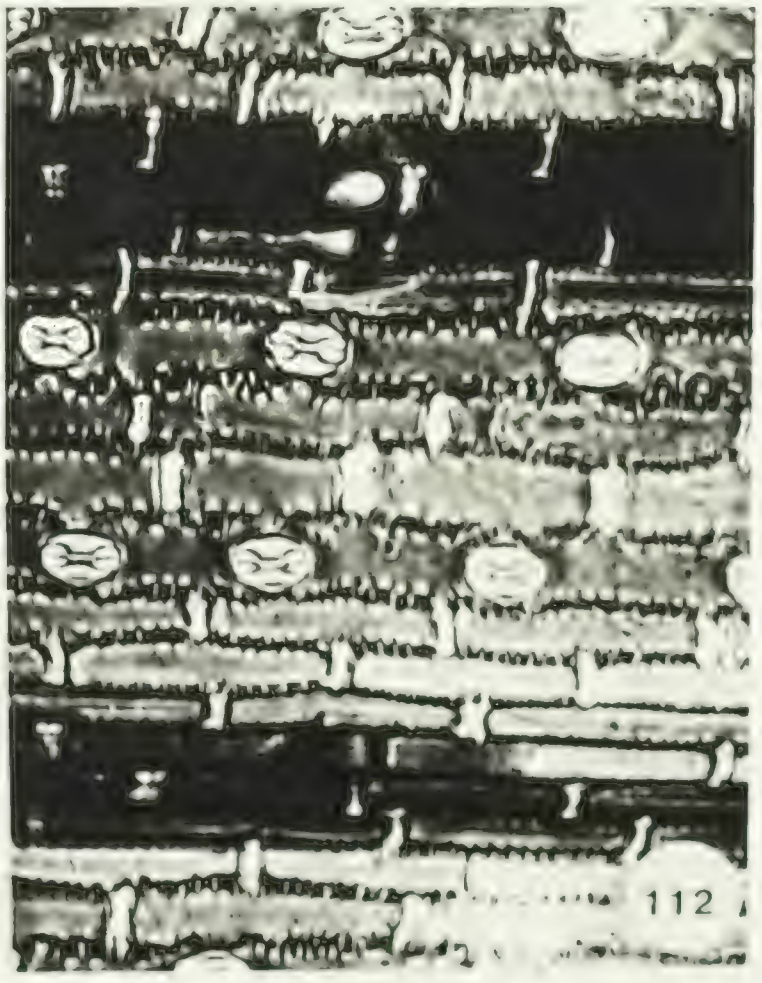

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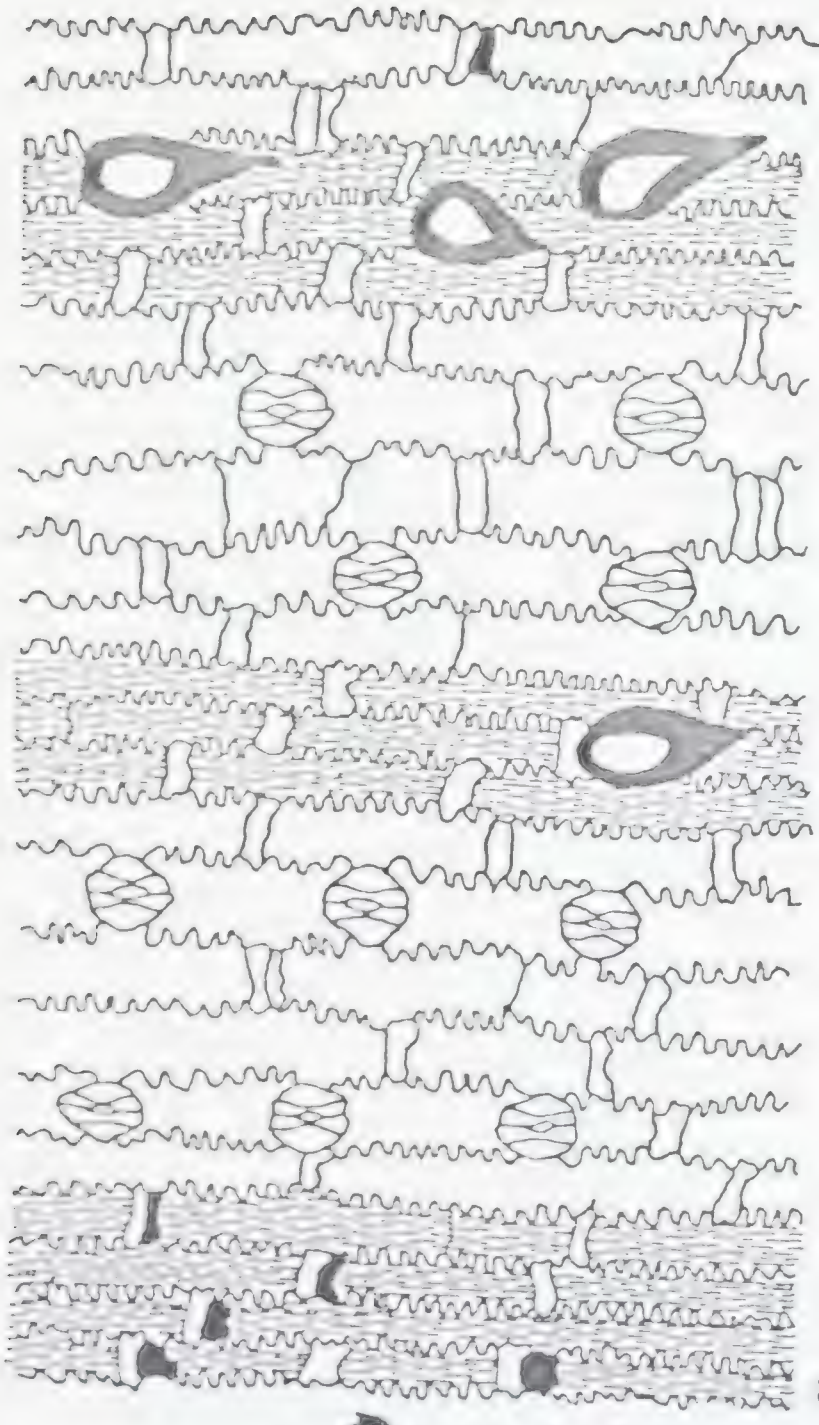
PLANCHE 28-B



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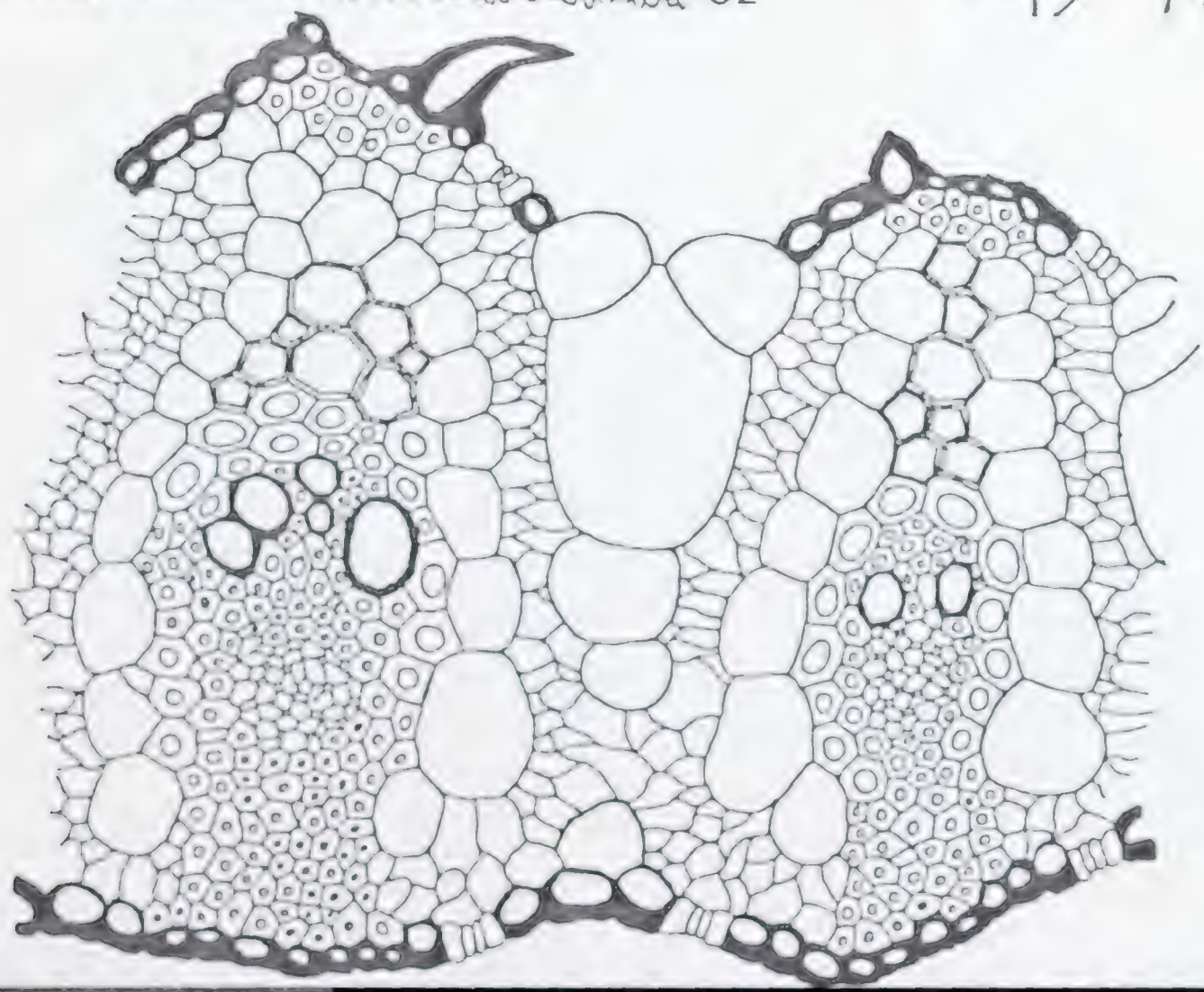

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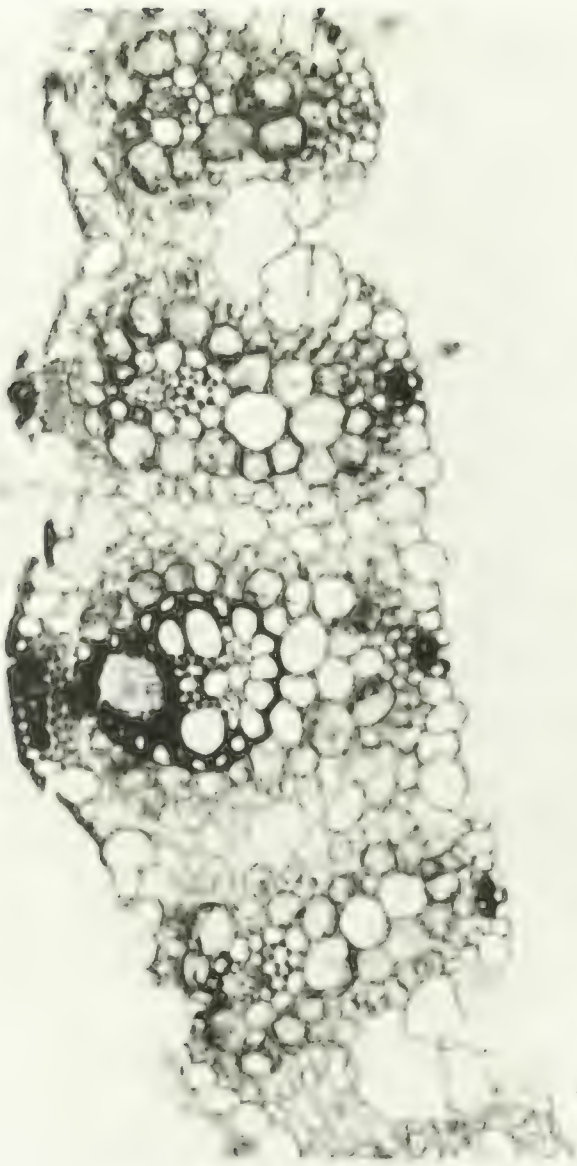
PLANCHE 29-A



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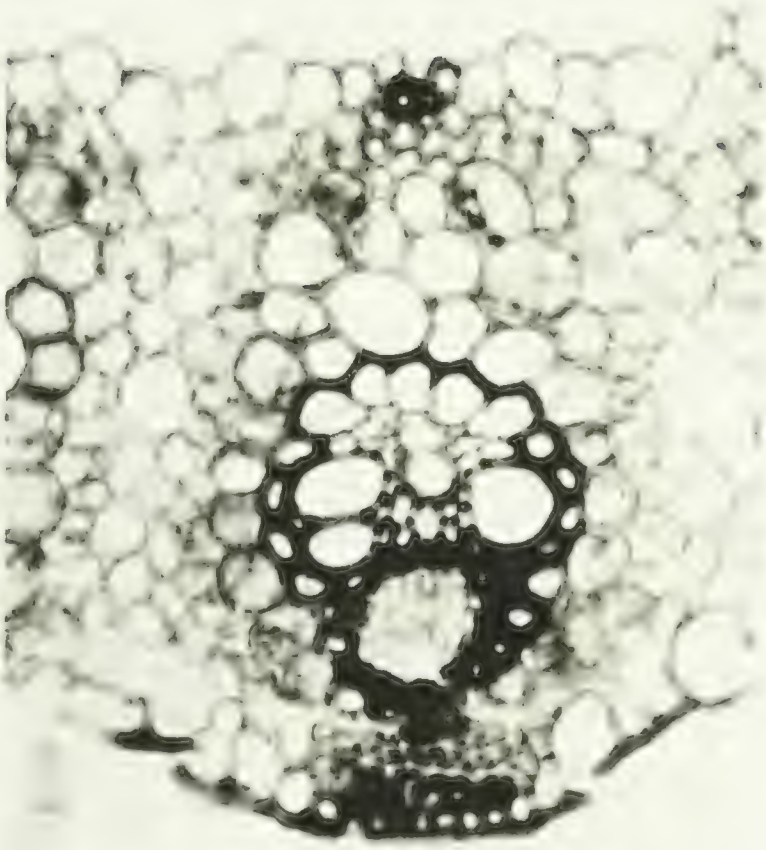

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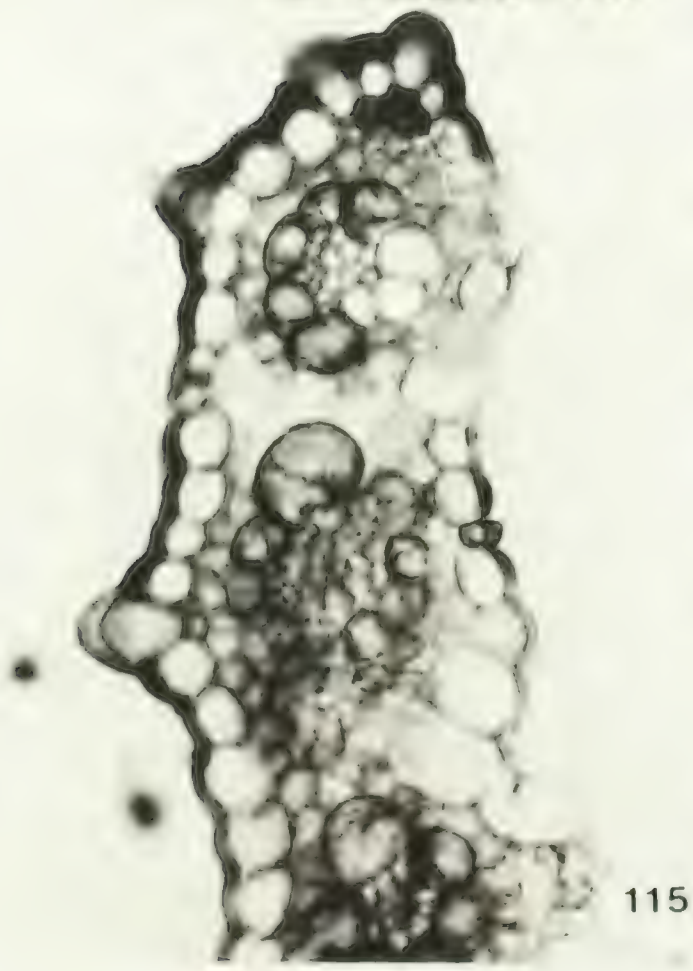

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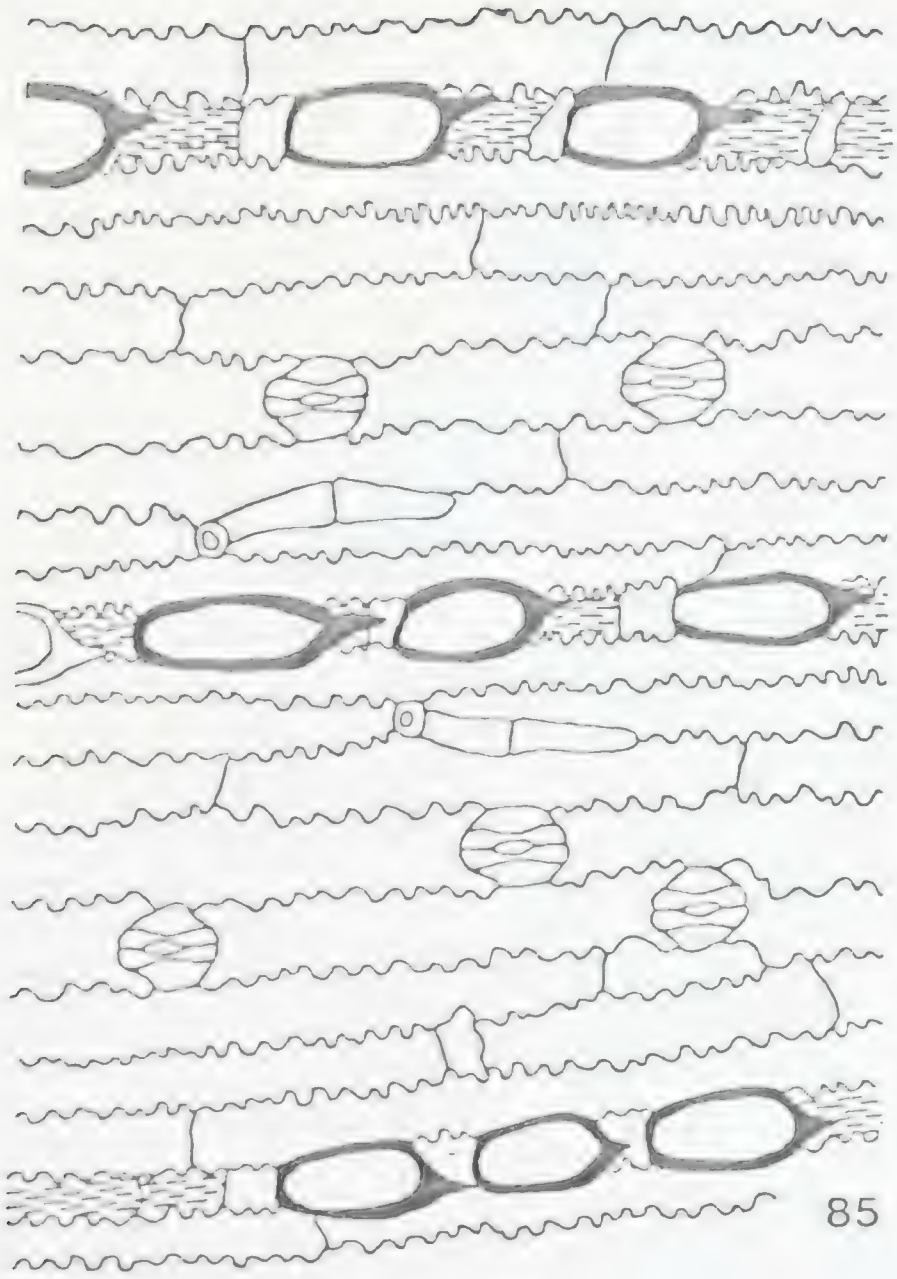
PLANCHE 29 -B



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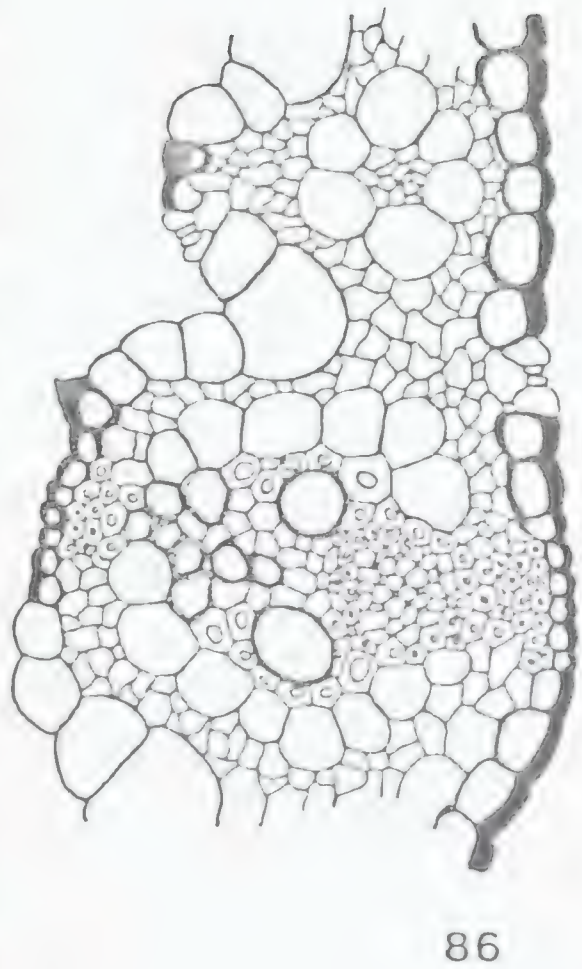

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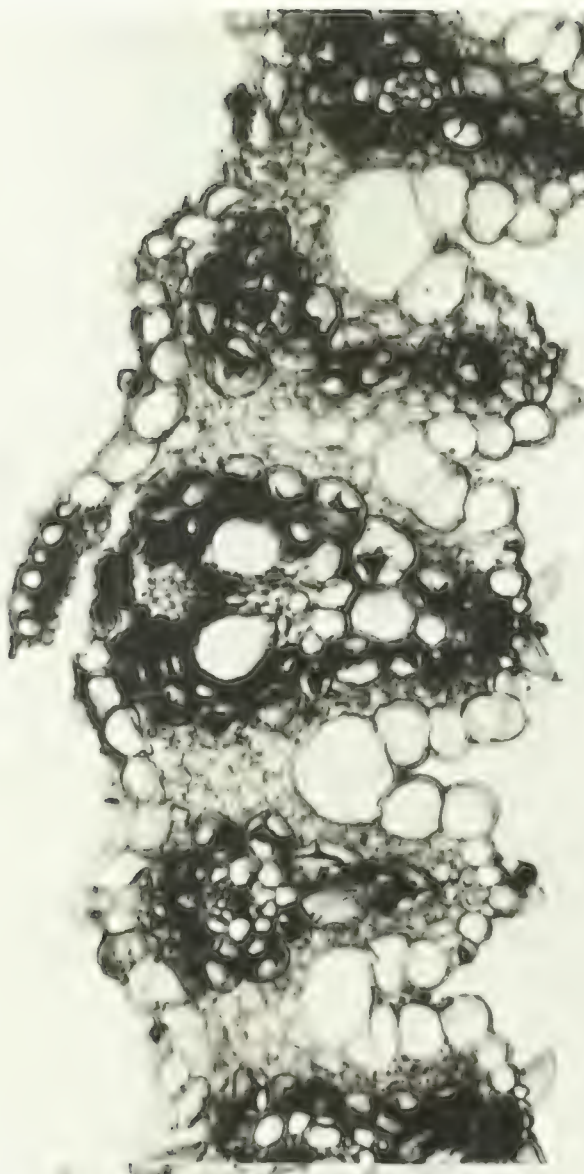
PLANCHE 30-A



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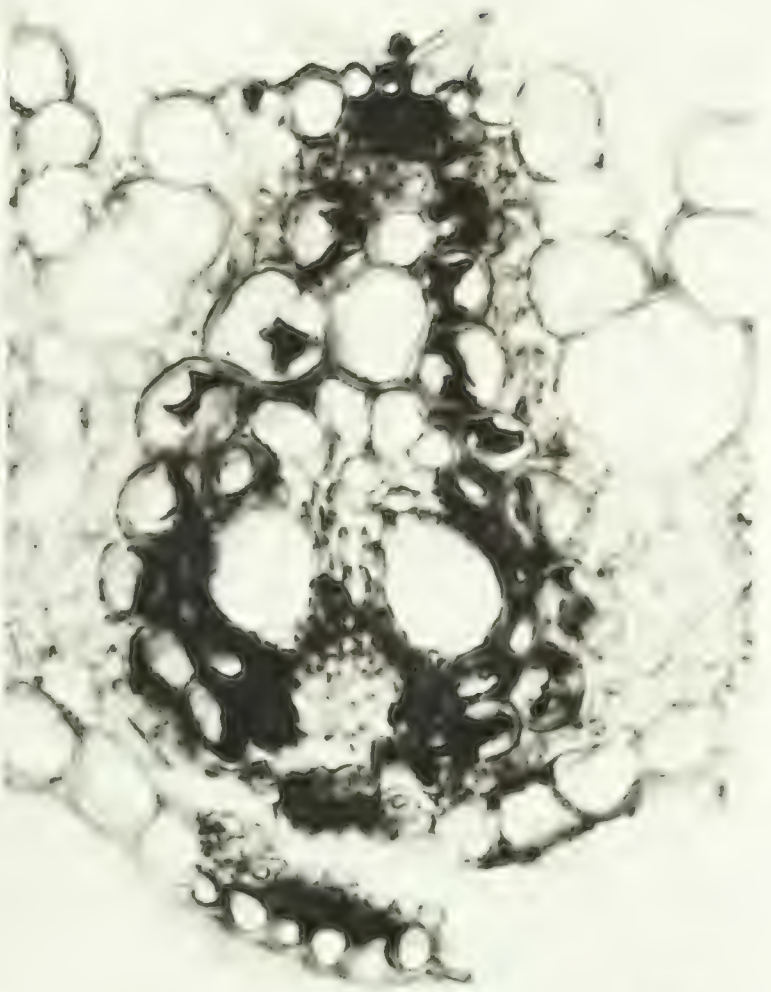

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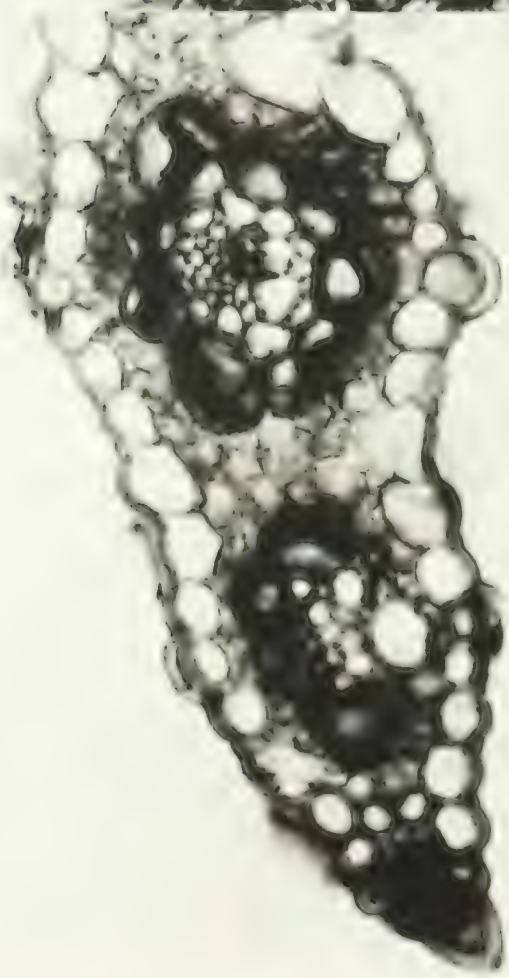

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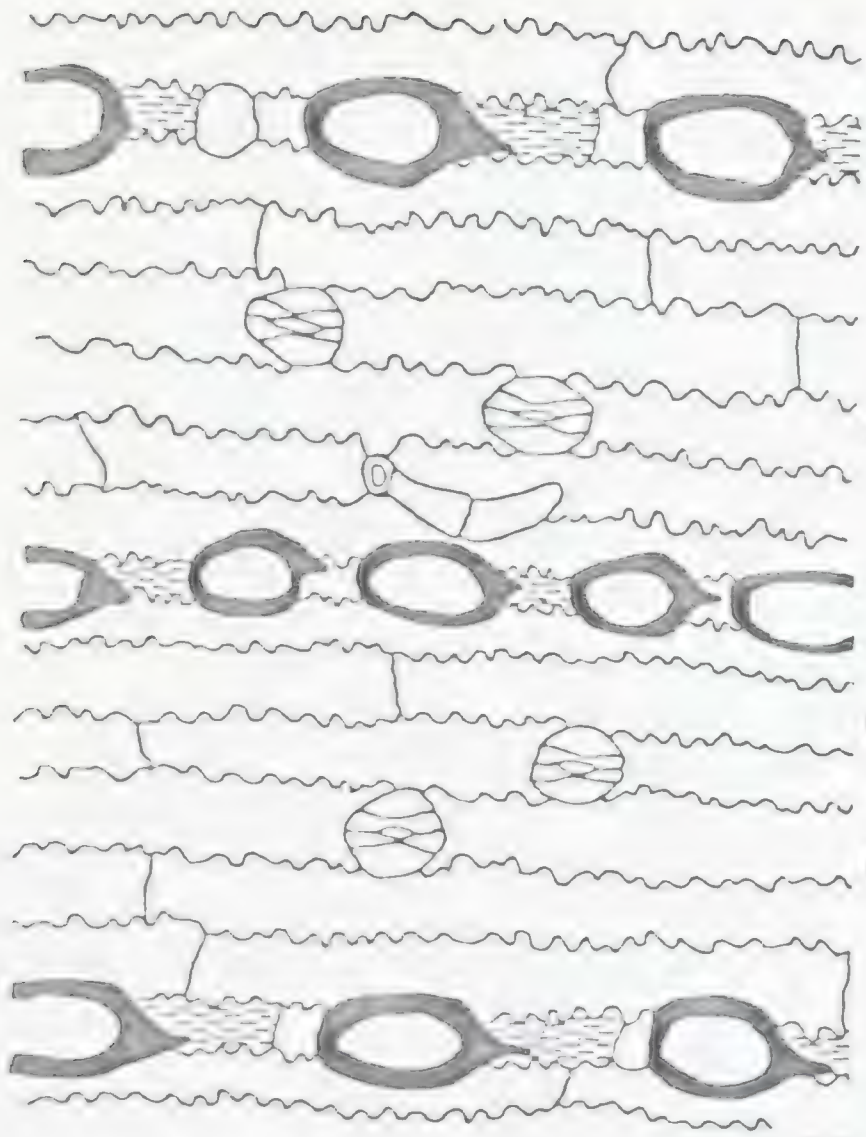
PLANCHE 30-B



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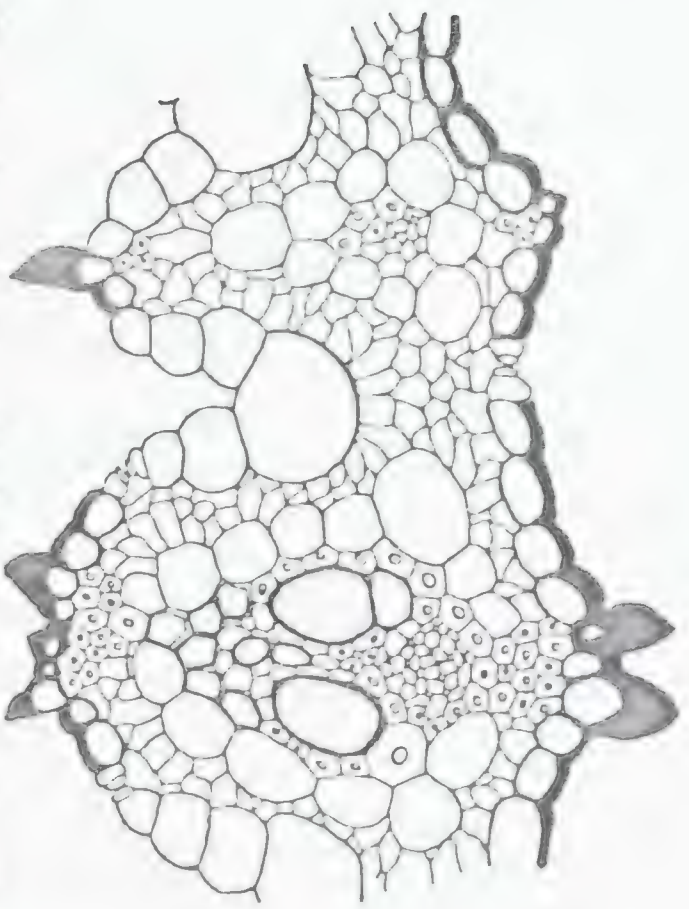

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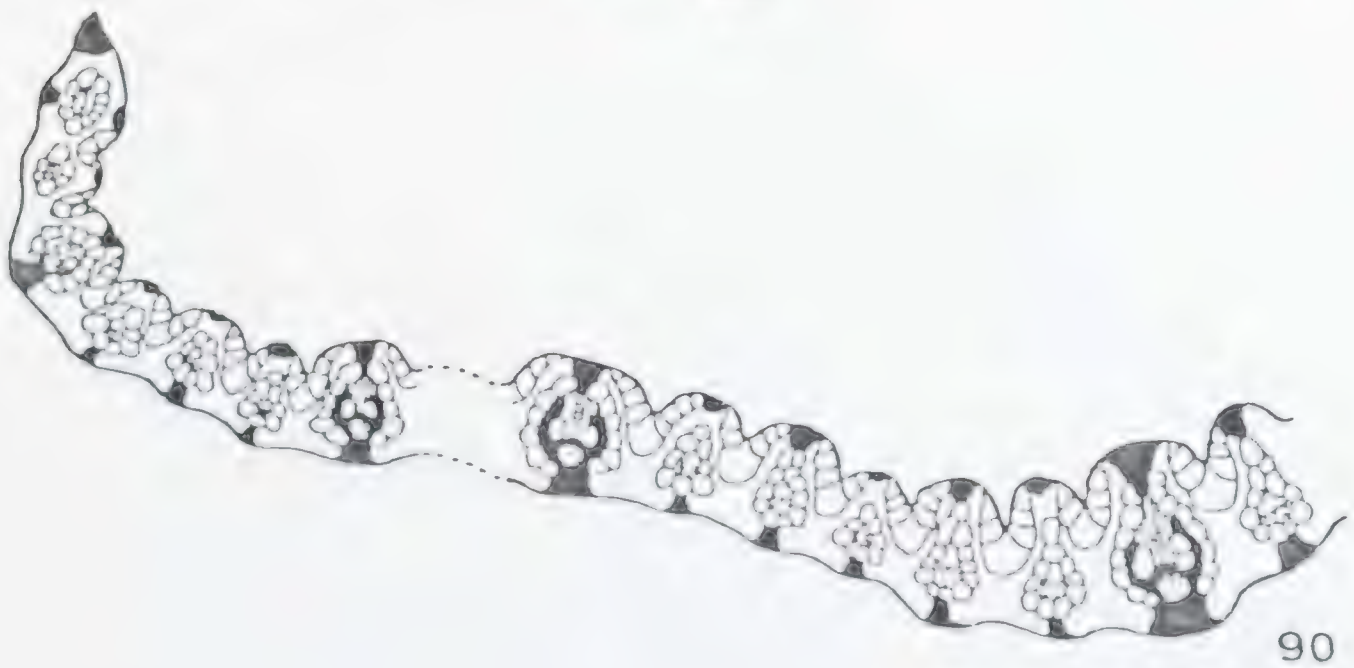

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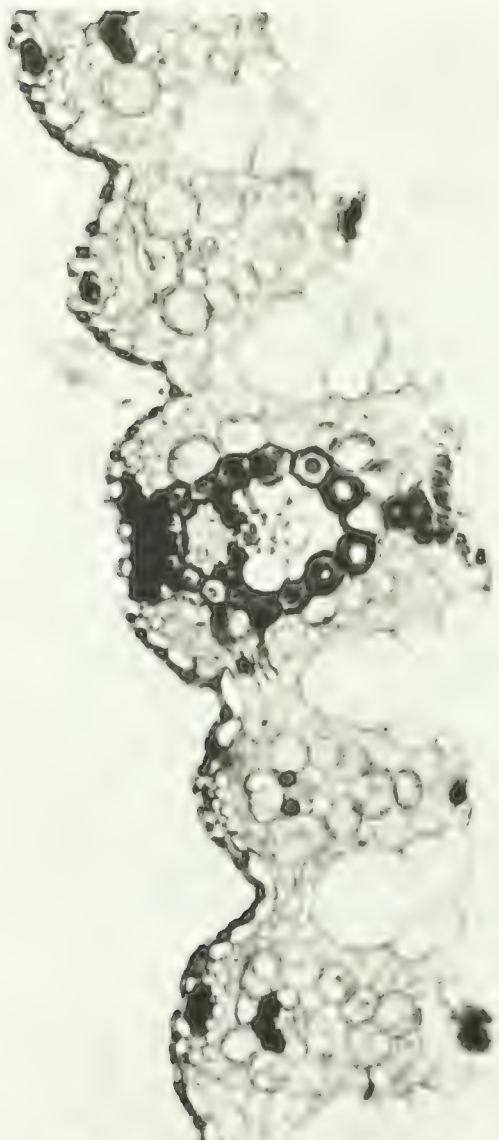
PLANCHE 31-A



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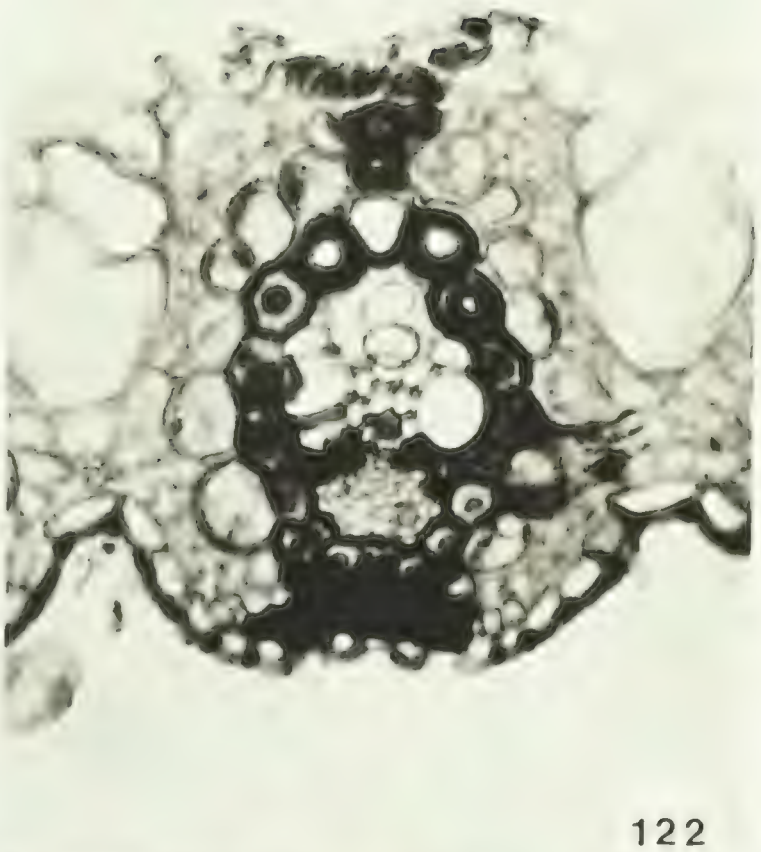

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123

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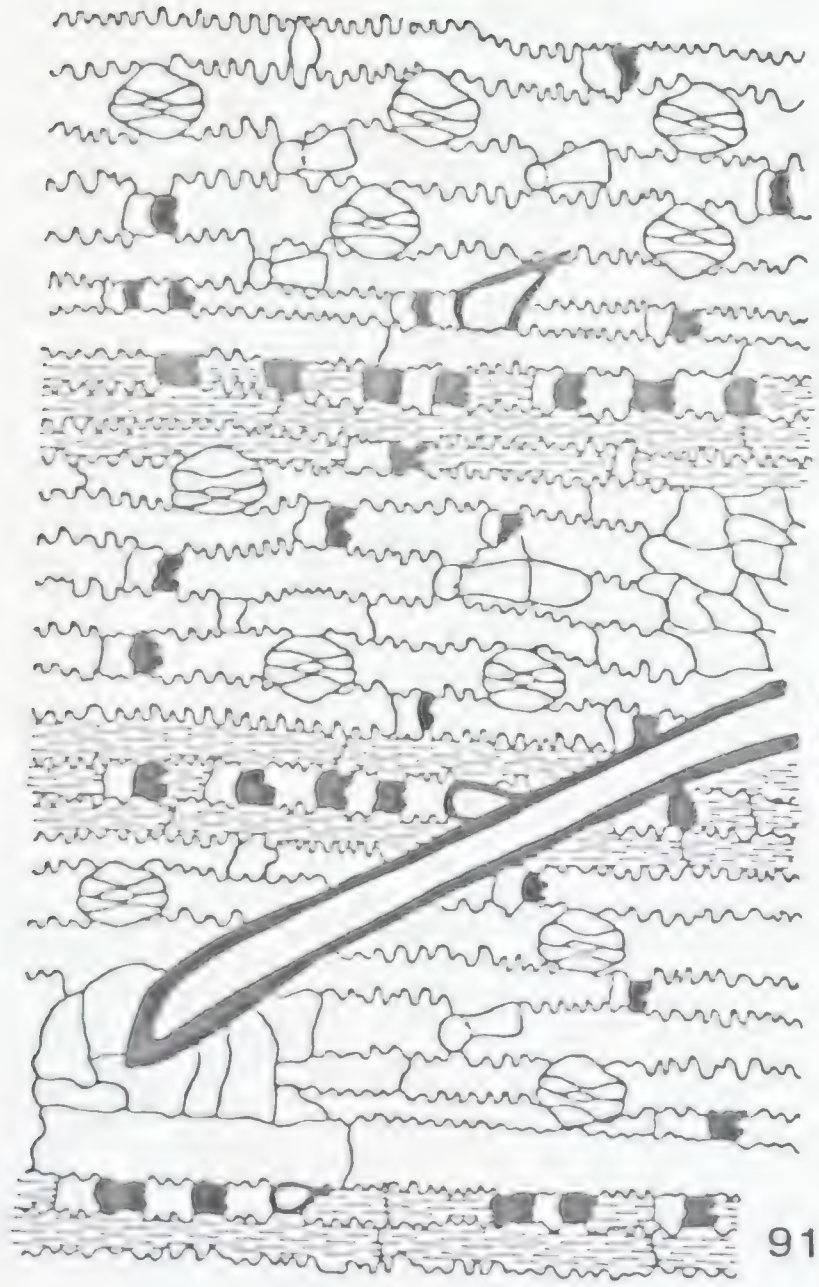
PLANCHE 31-B



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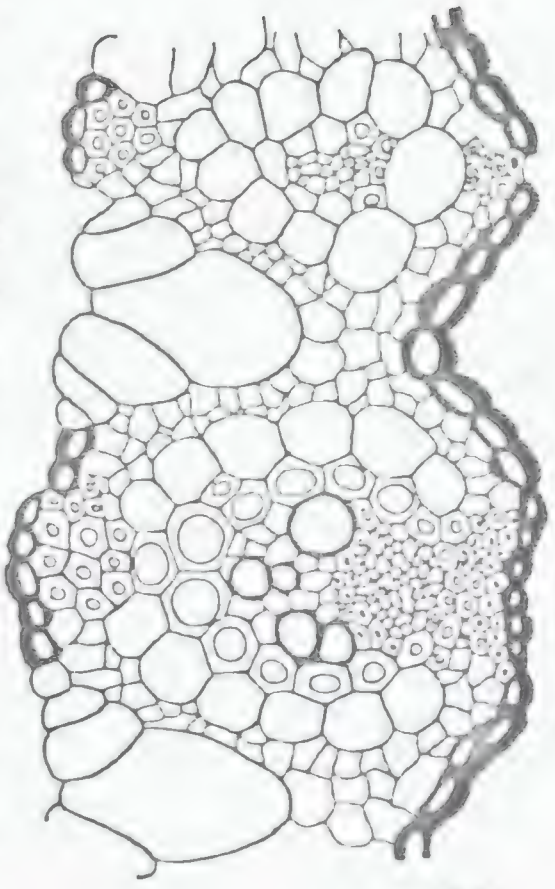

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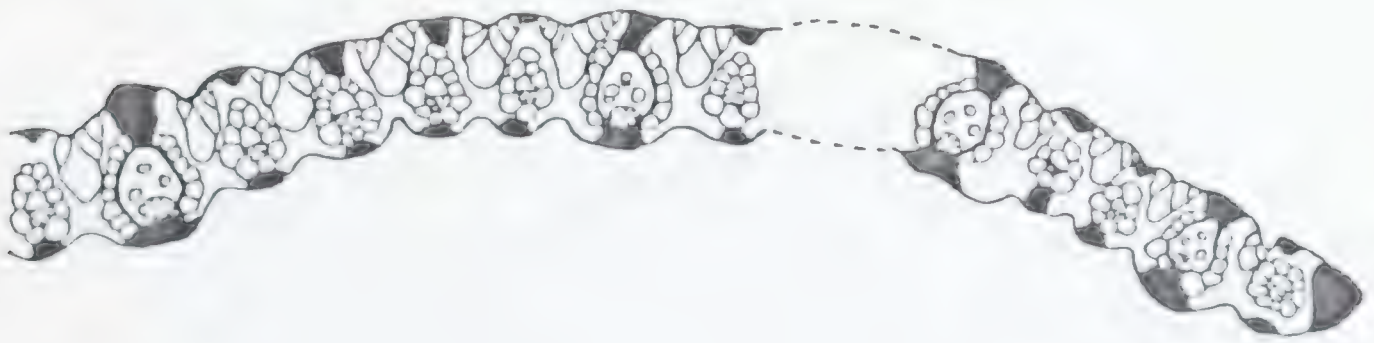

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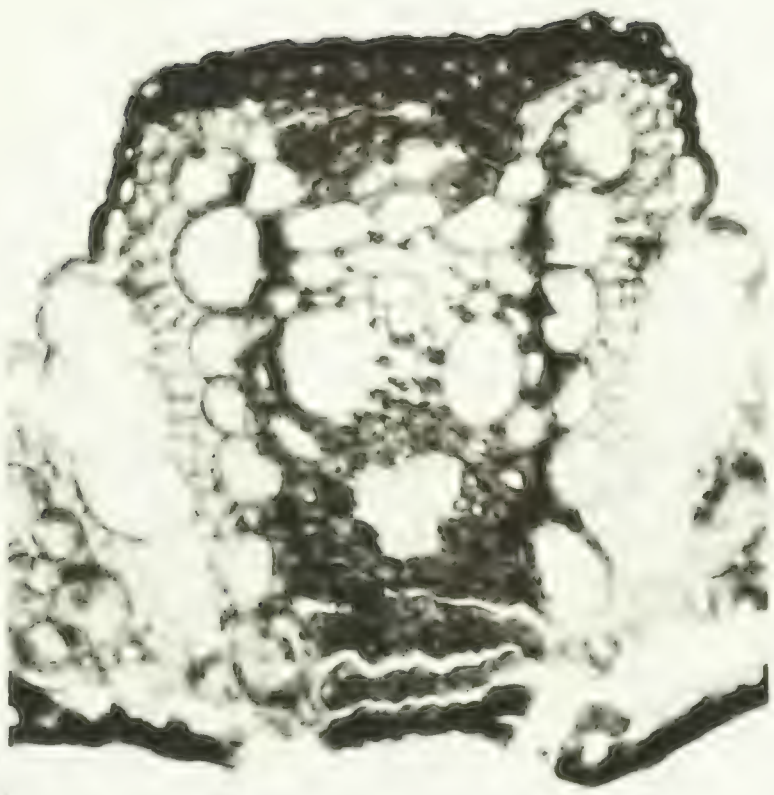
PLANCHE 32-A

125



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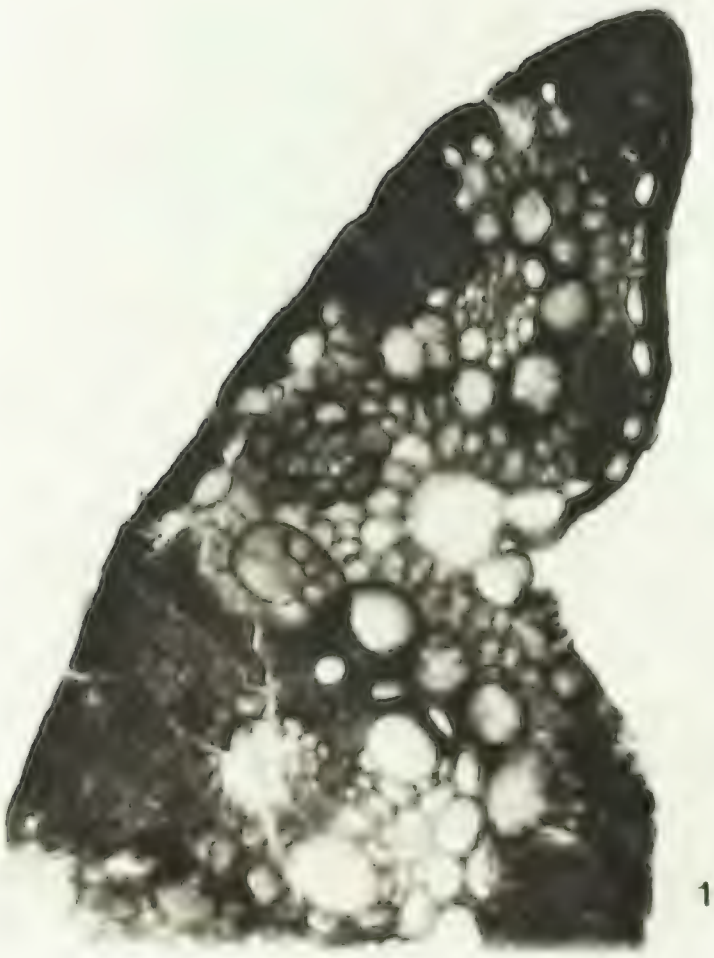

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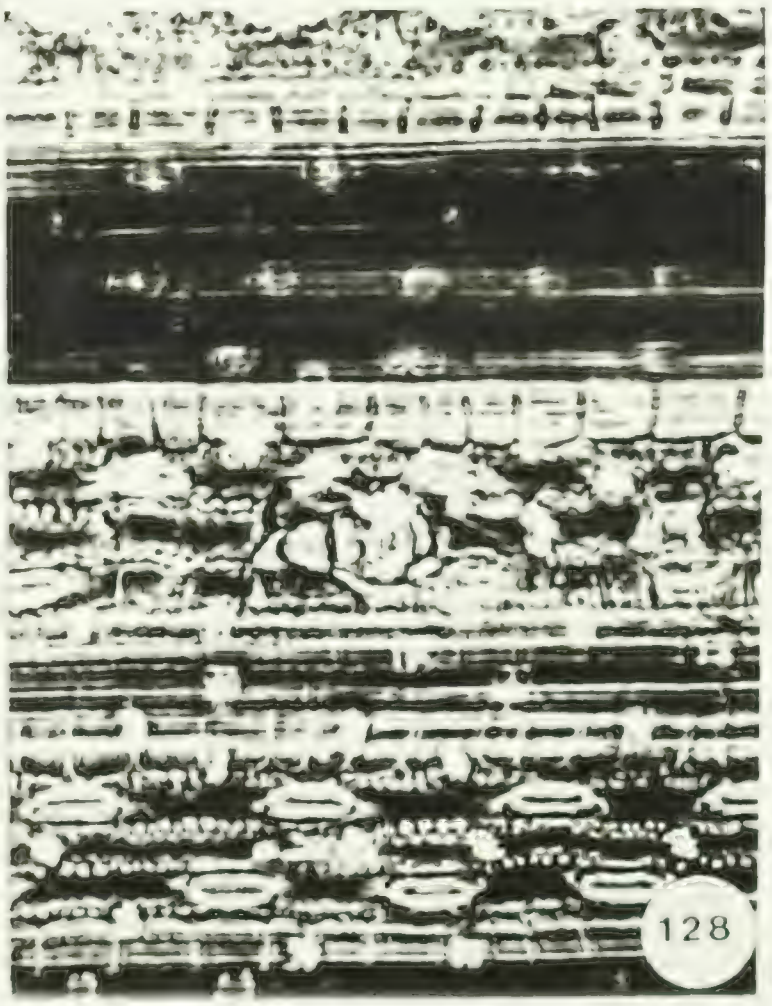

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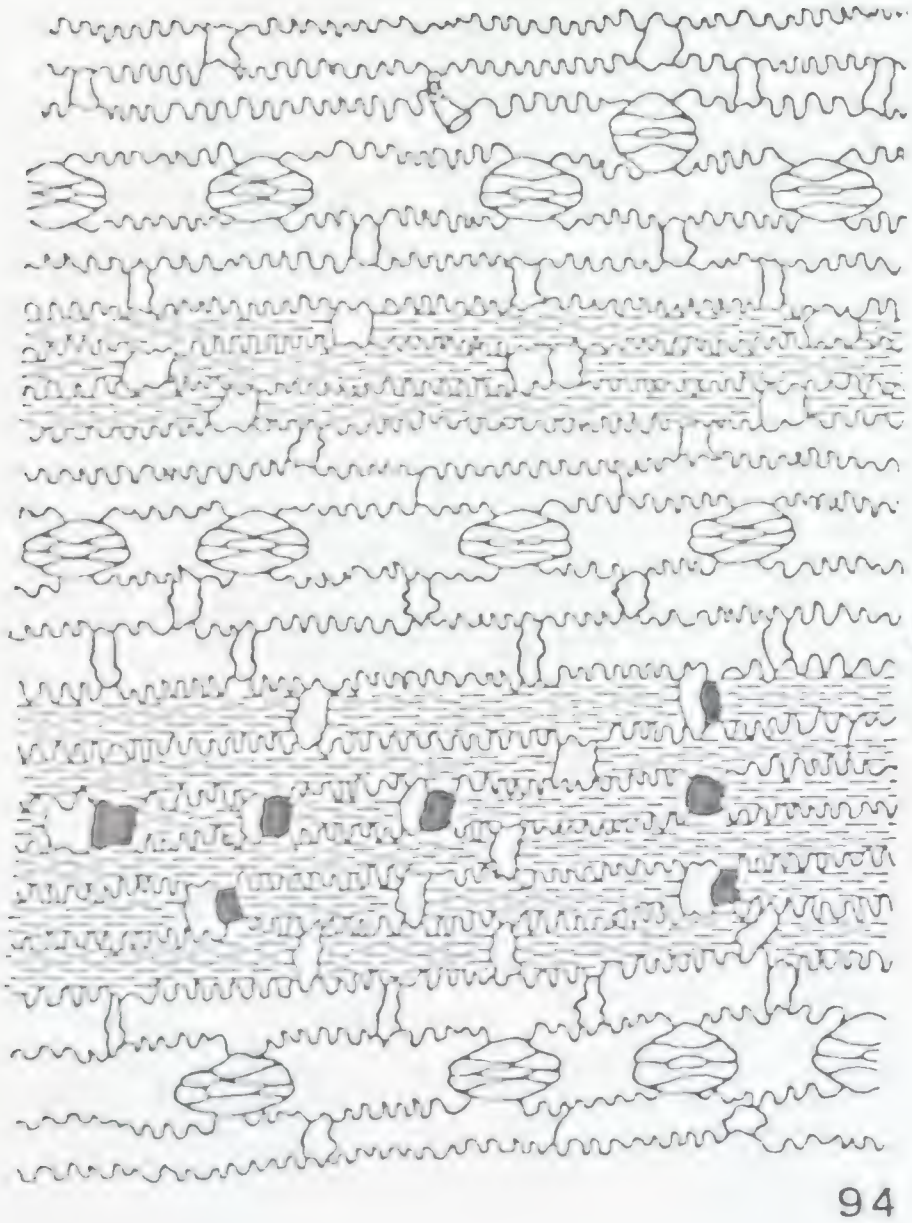
PLANCHE 32-B



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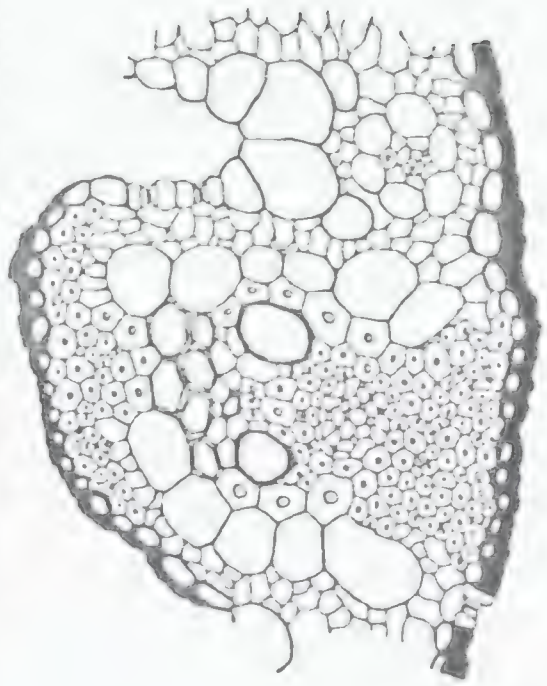

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PLANCHE 33-A

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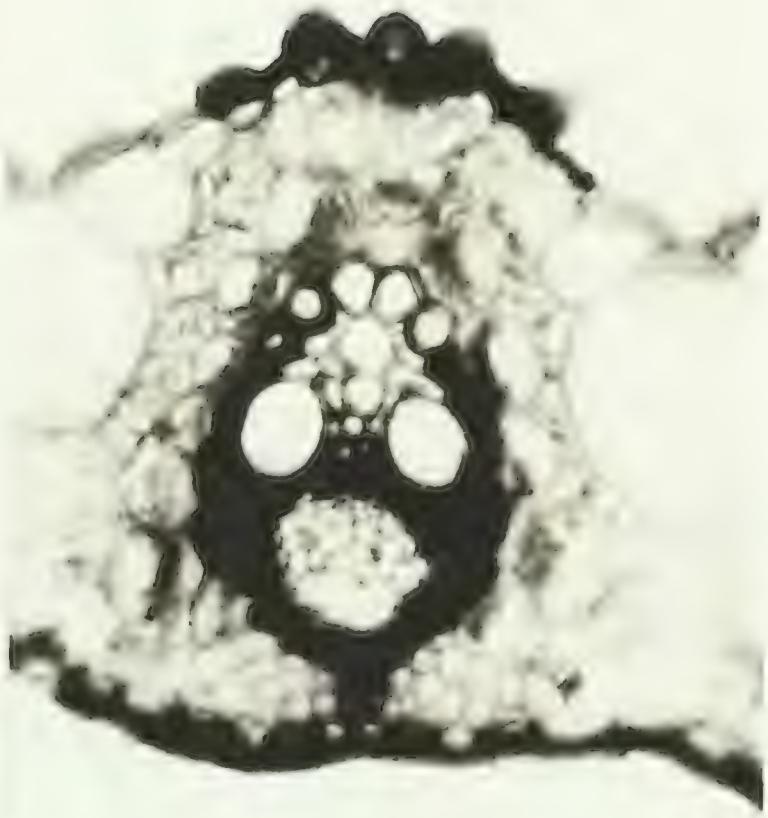


130

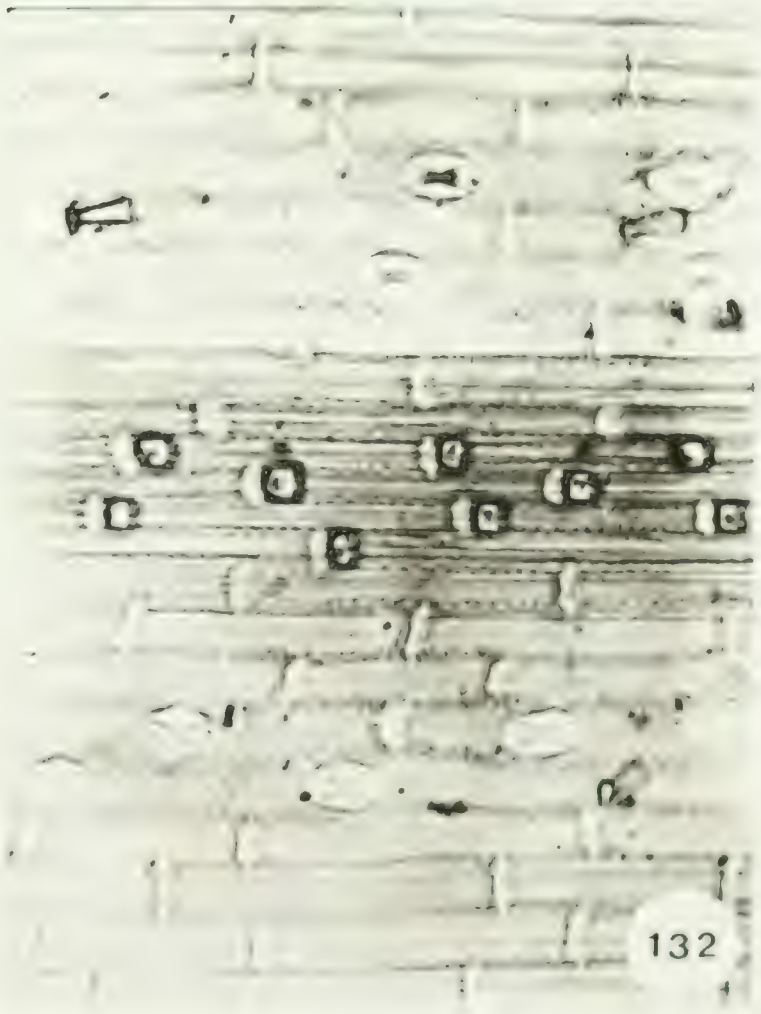
131

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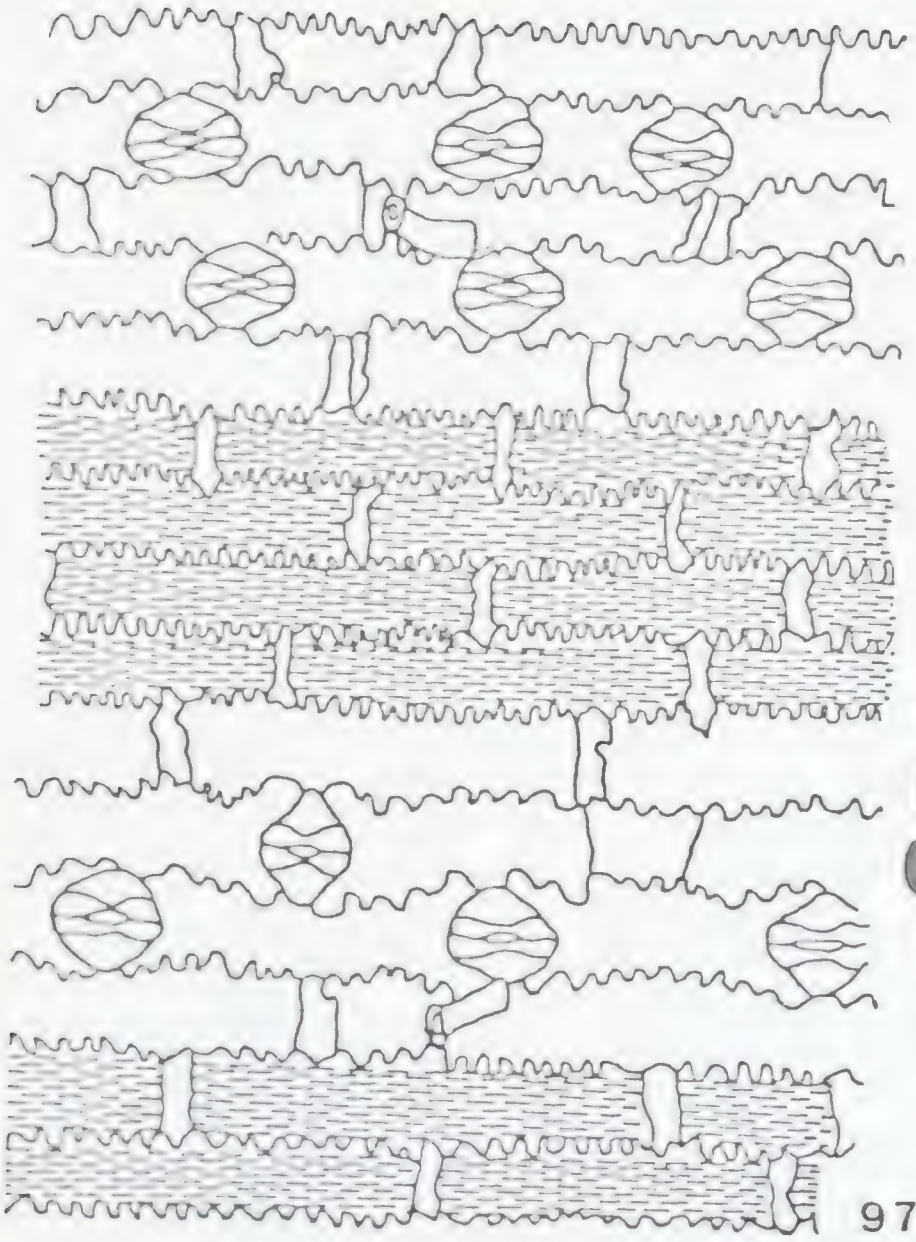
PLANCHE 33-B



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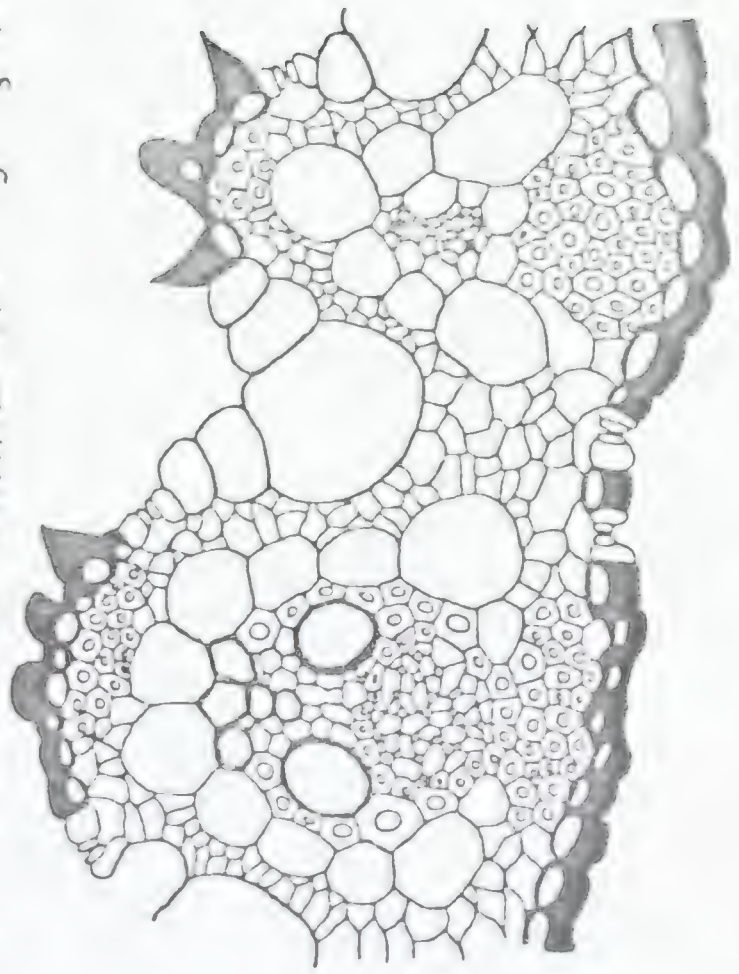

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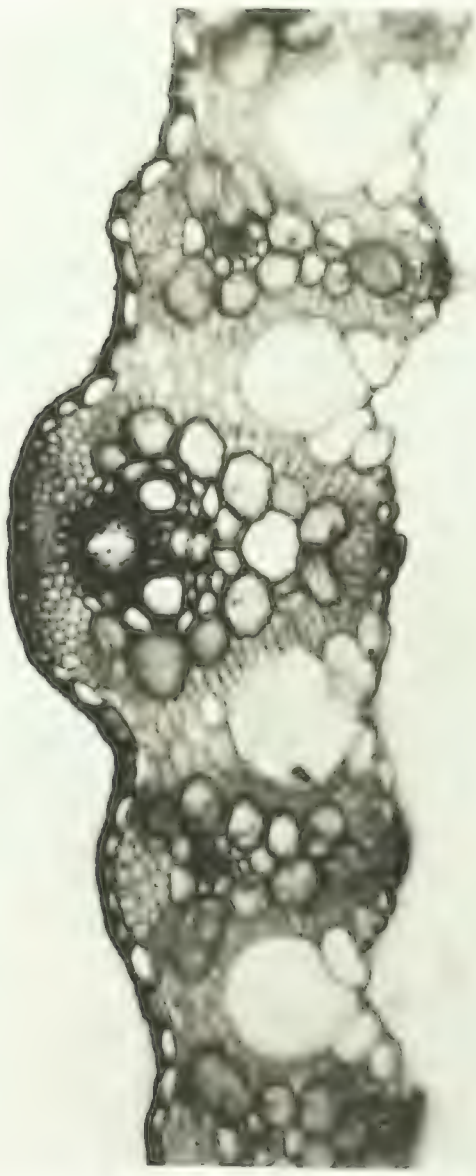
99

PLANCHE 34-A



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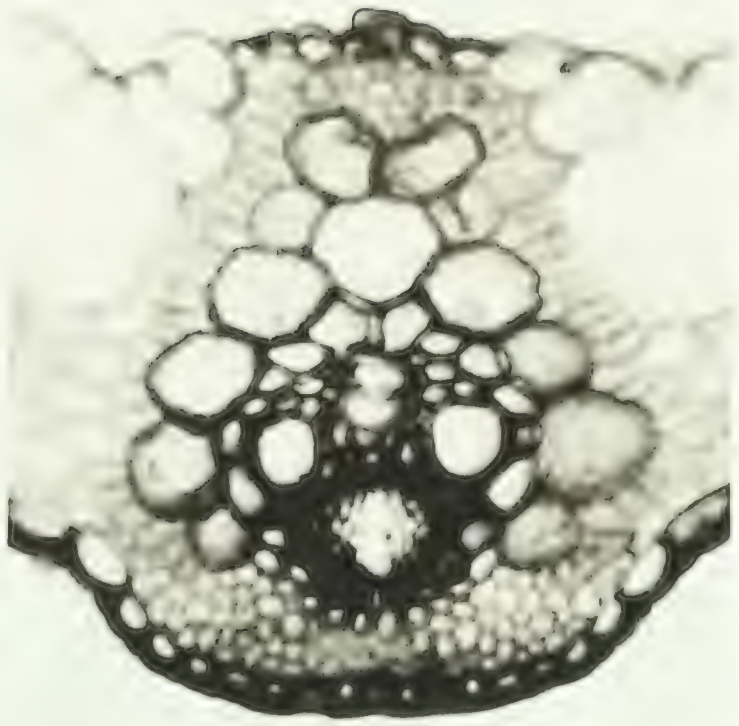

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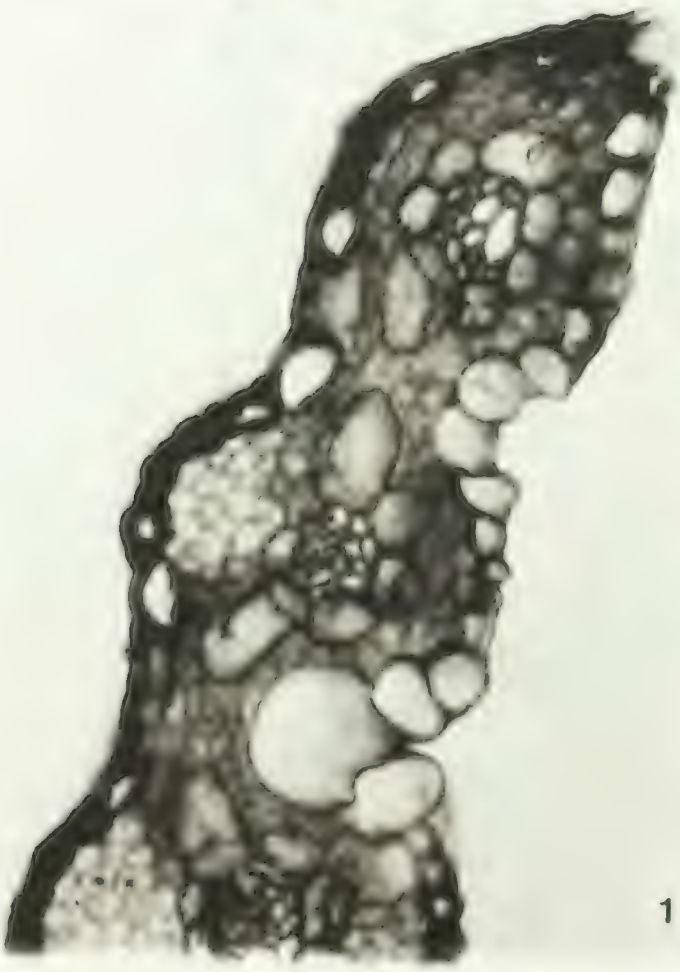

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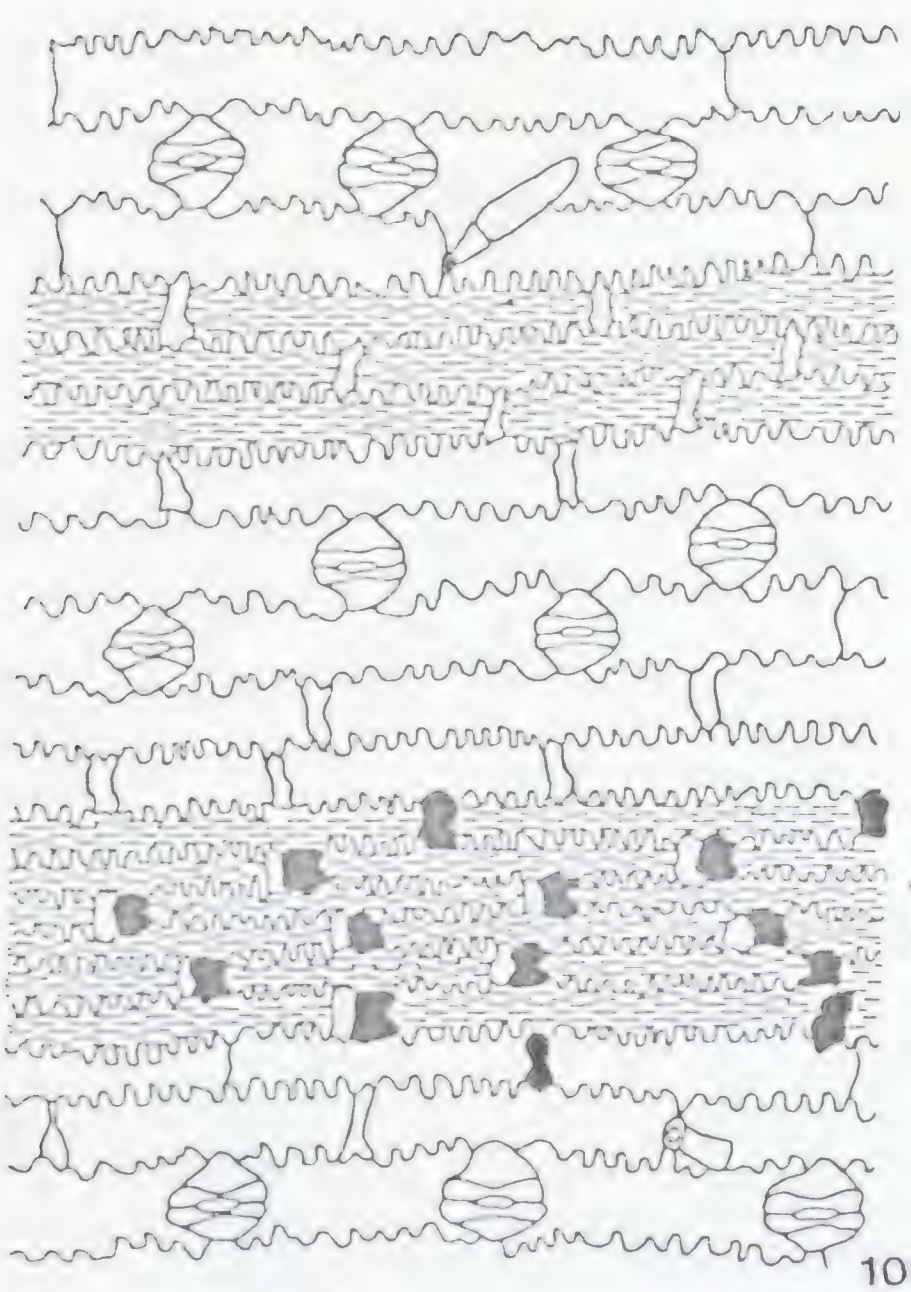
PLANCHE 34-B



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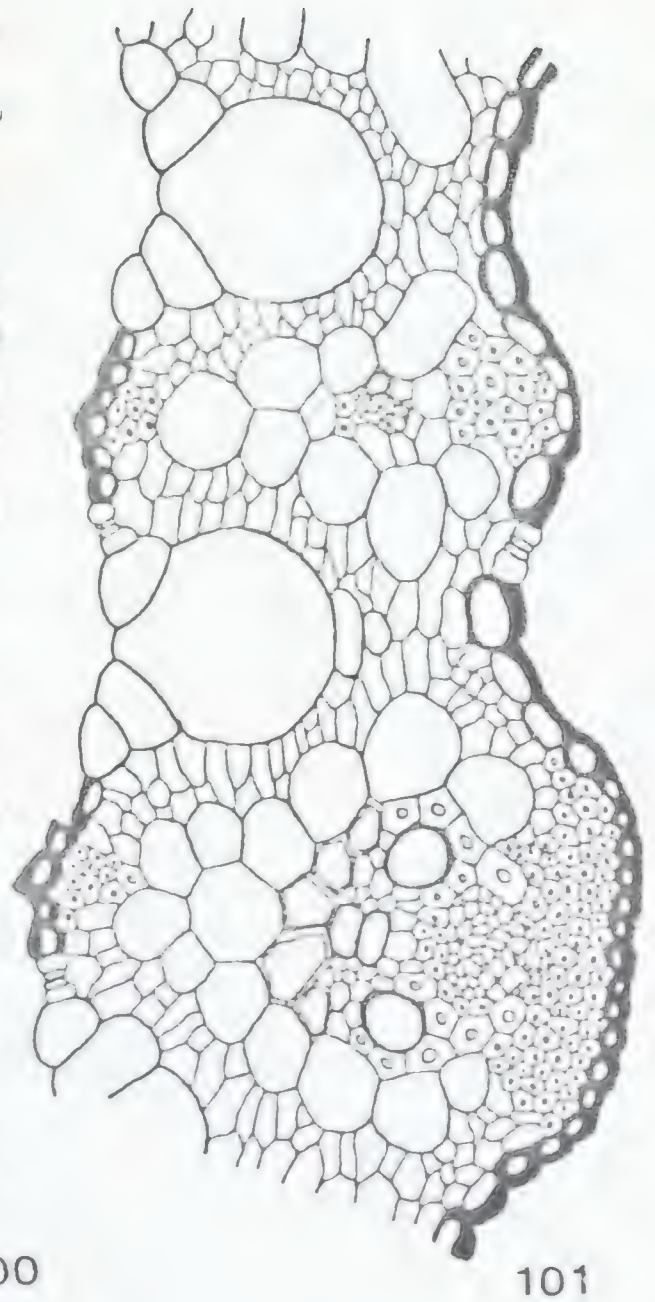

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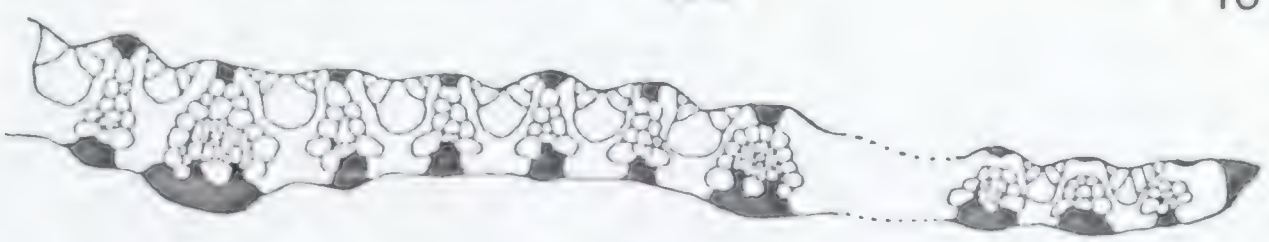

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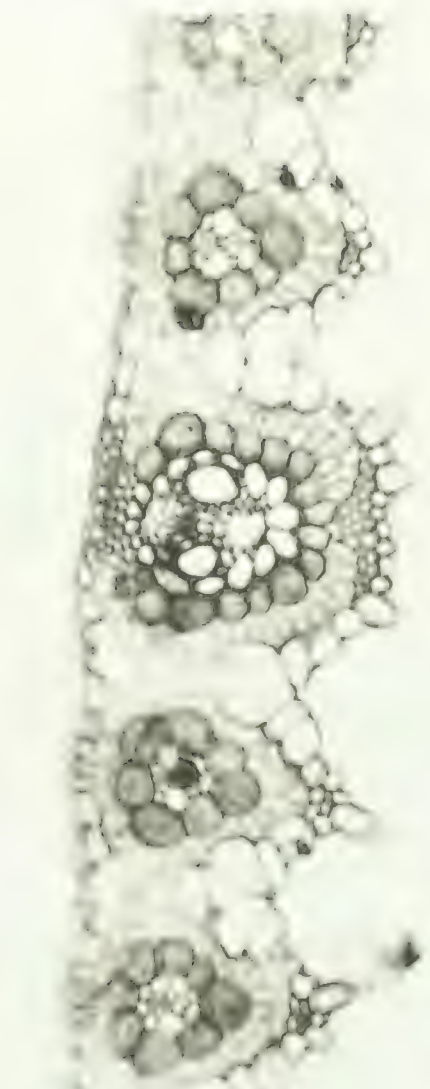

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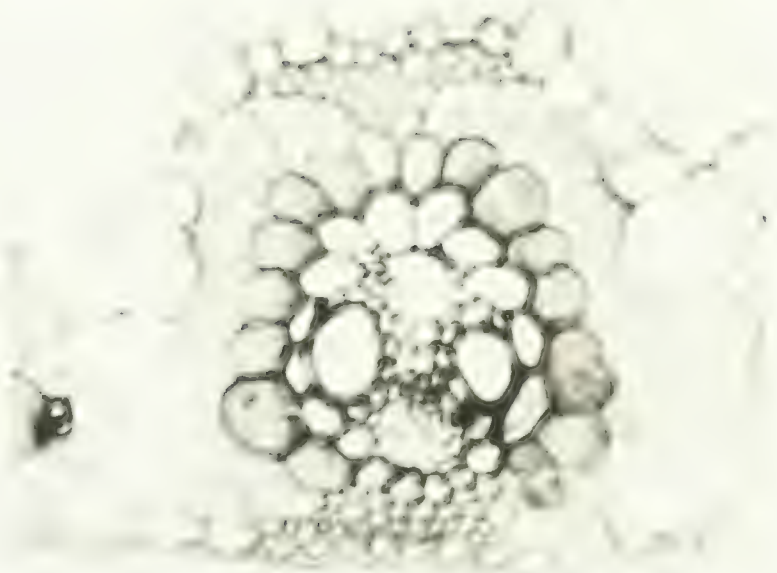

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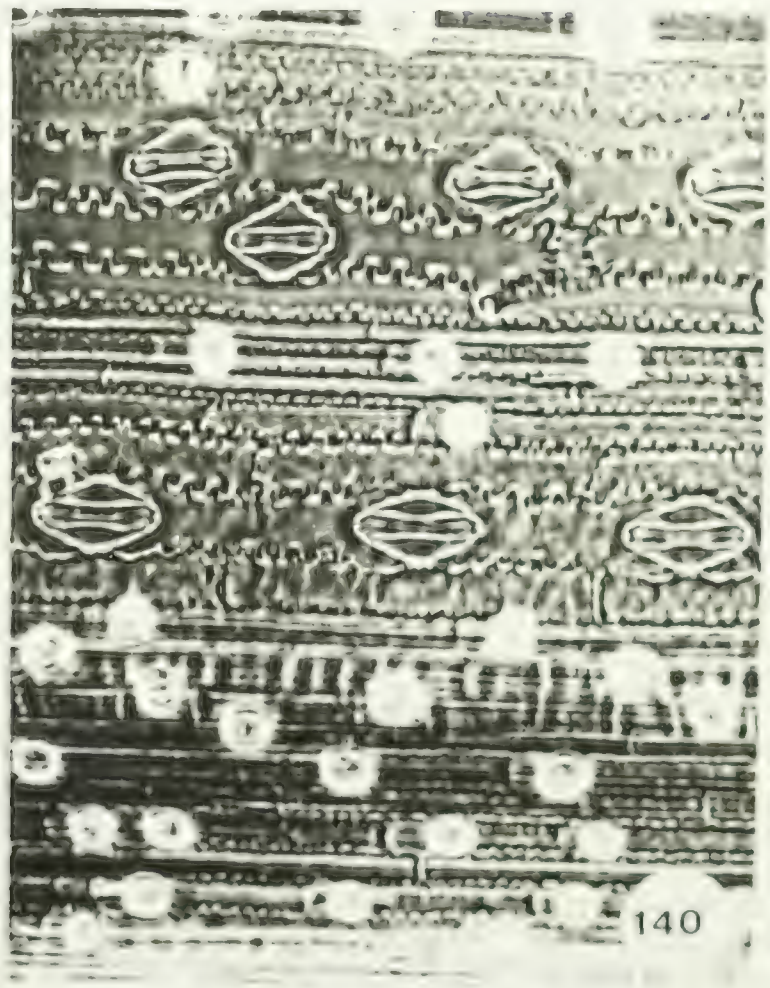

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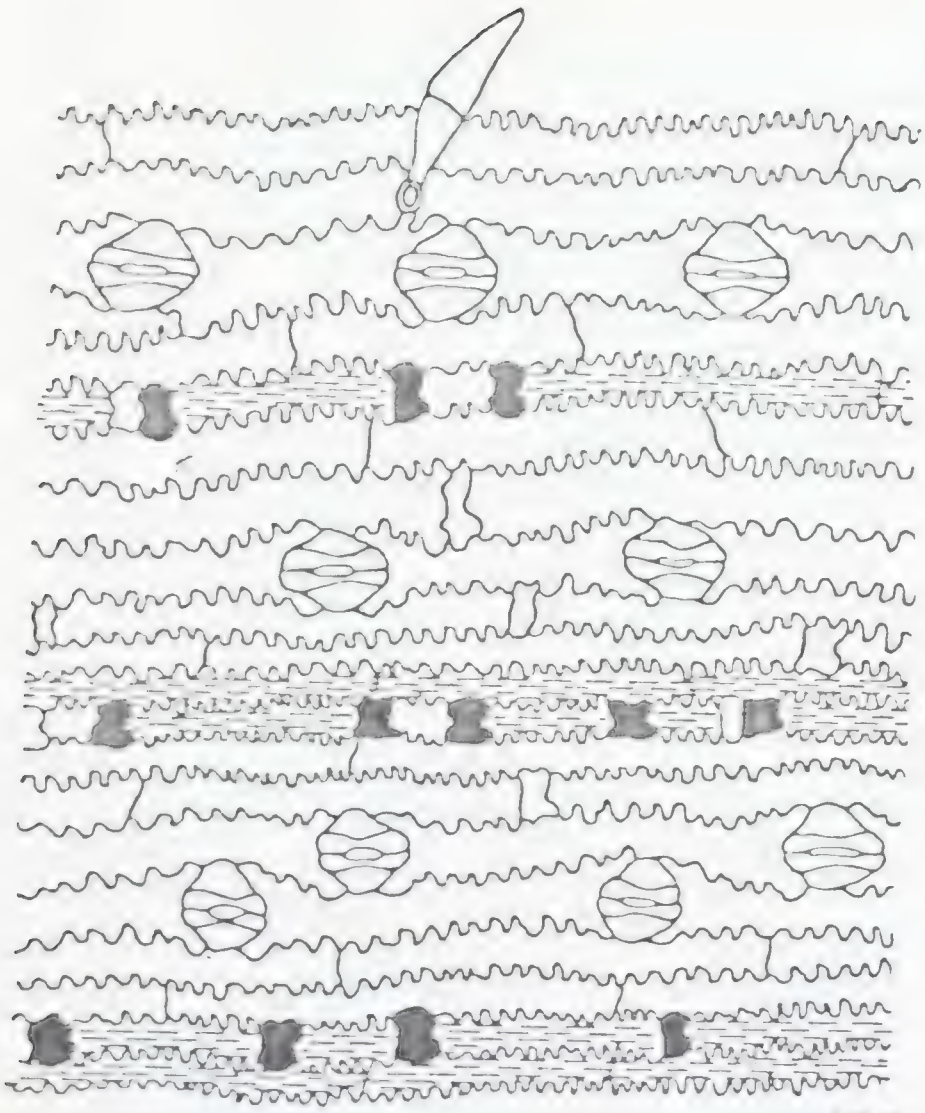
PLANCHE 35-B



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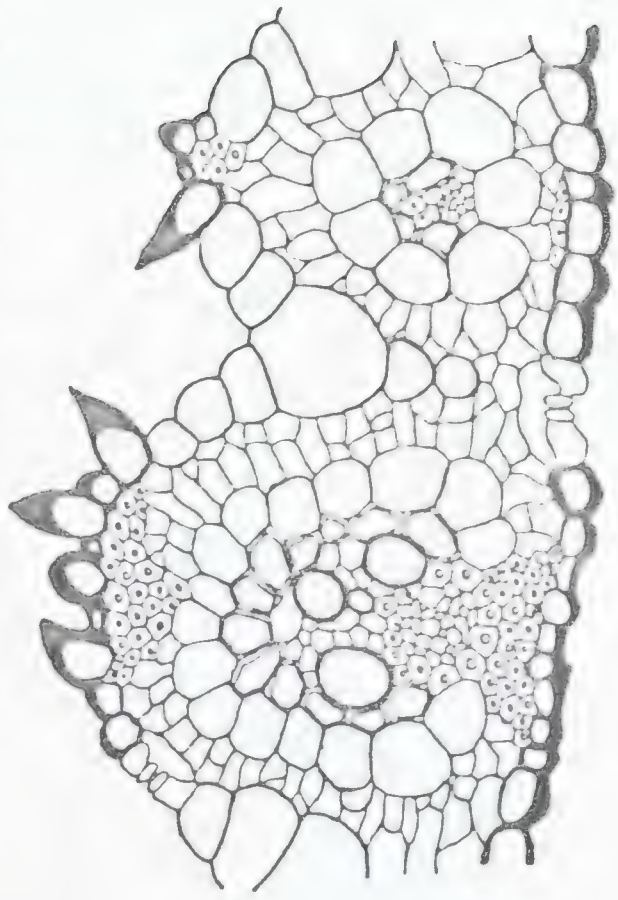

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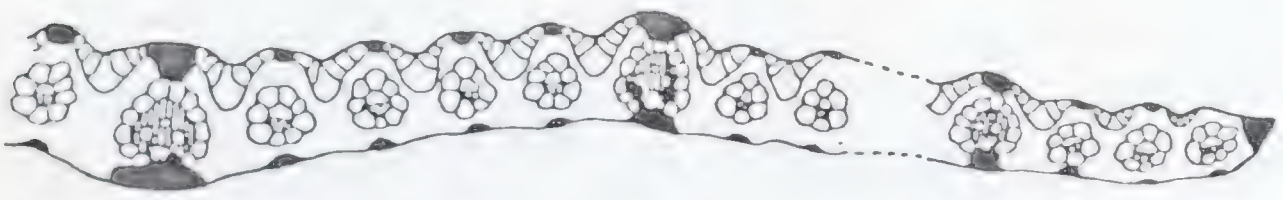

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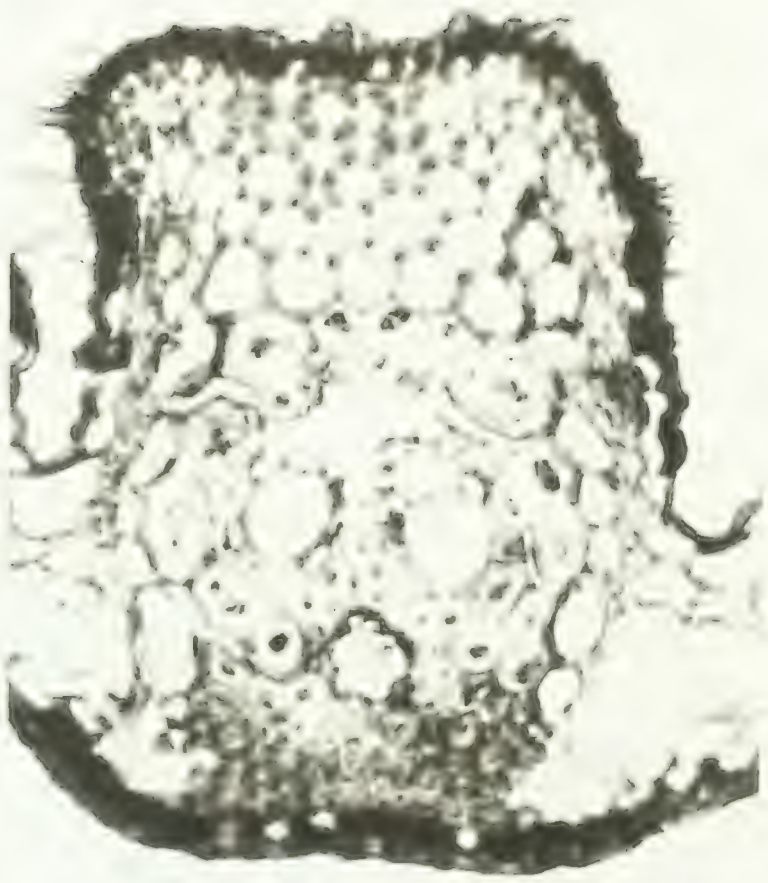
PLANCHE 36-A

141



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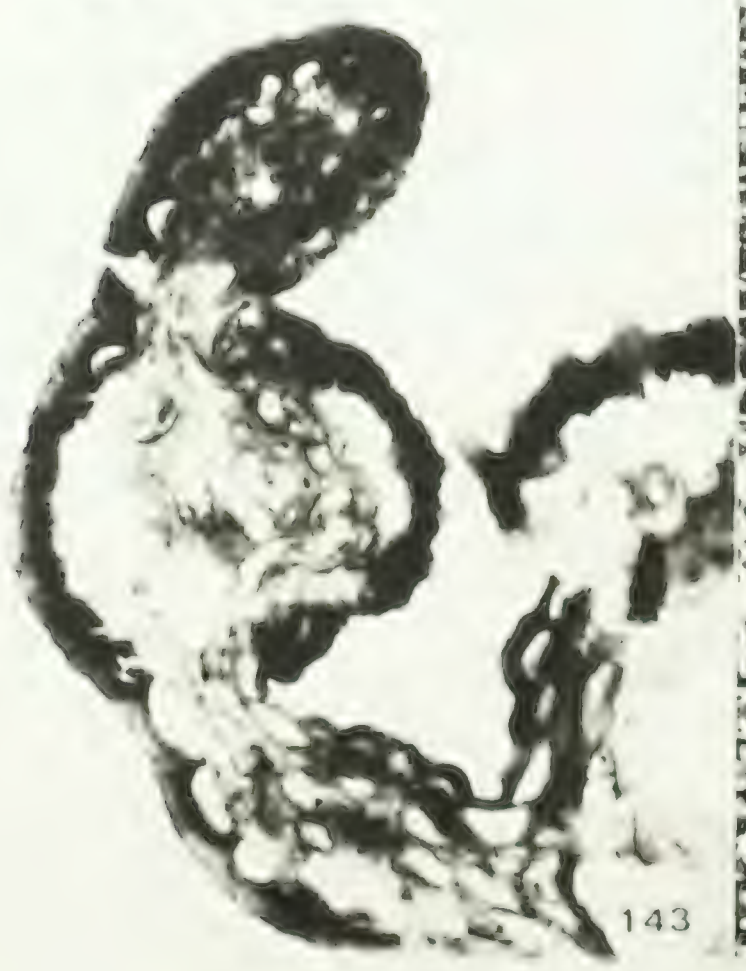

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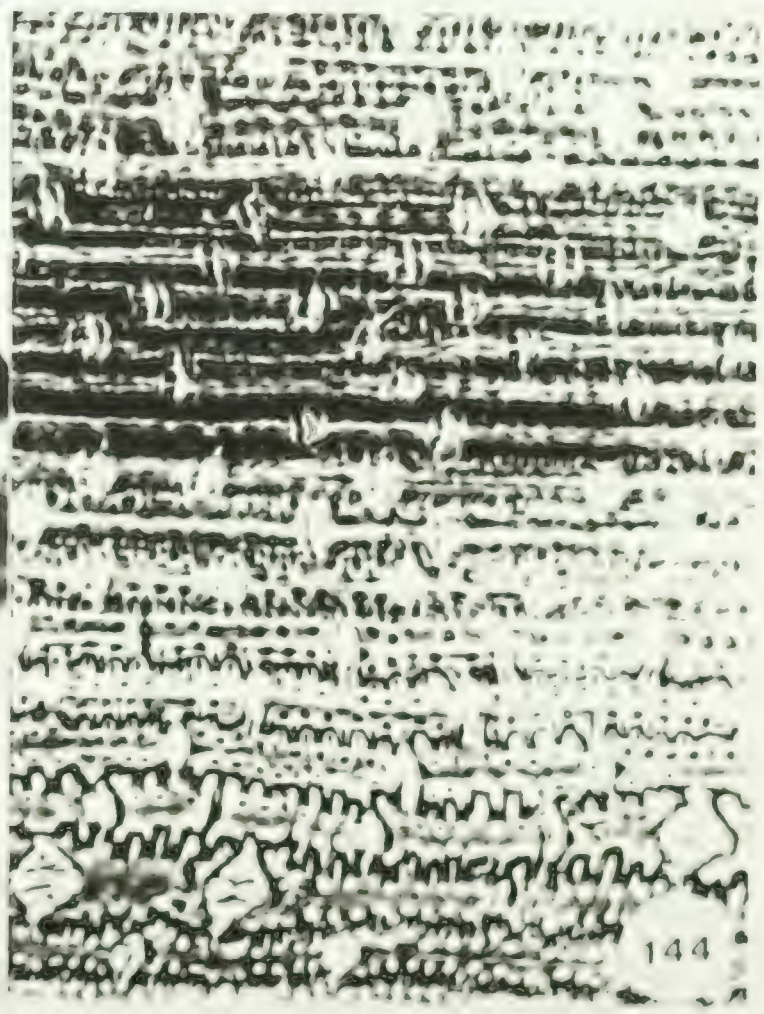

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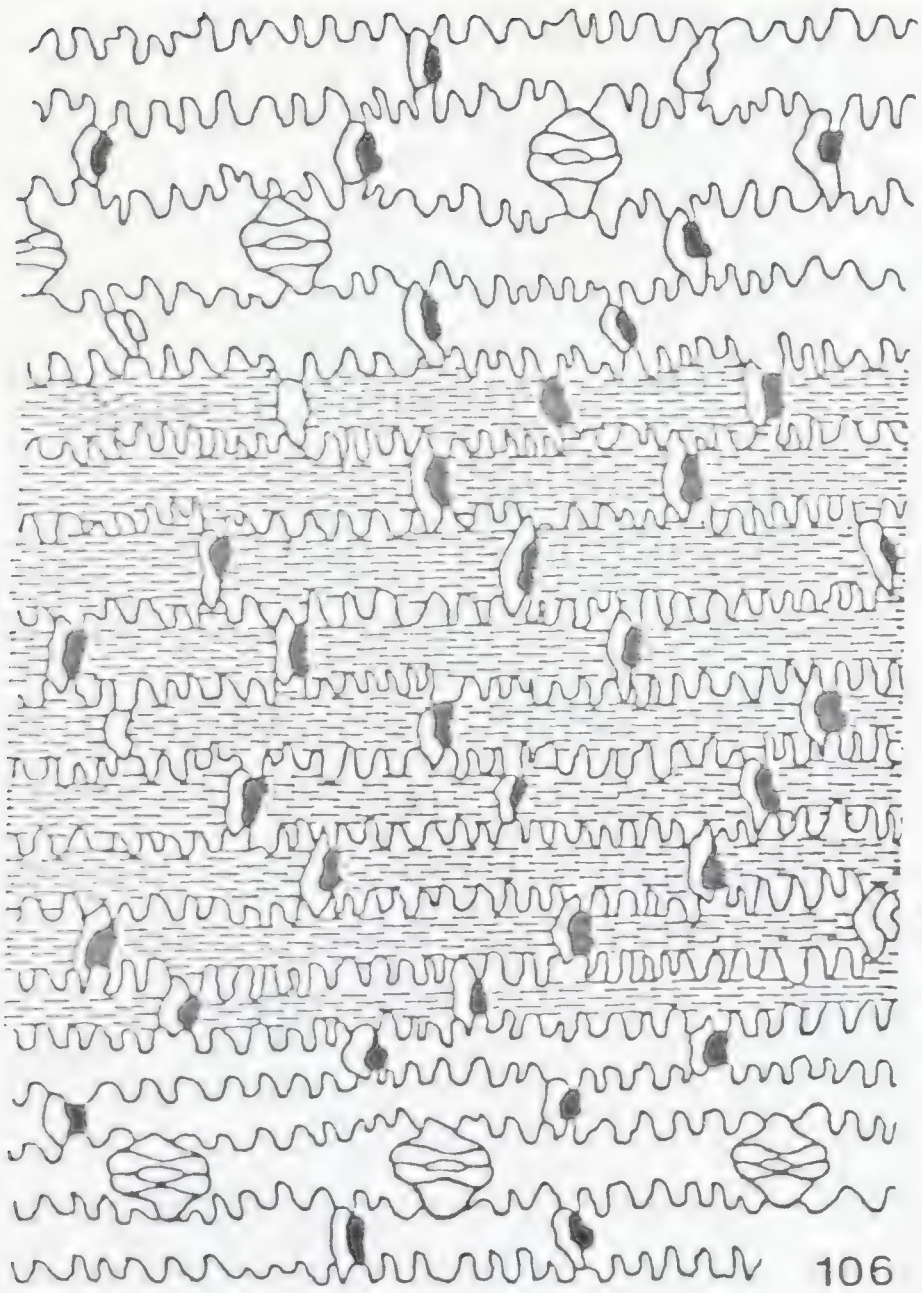
PLANCHE 36-B



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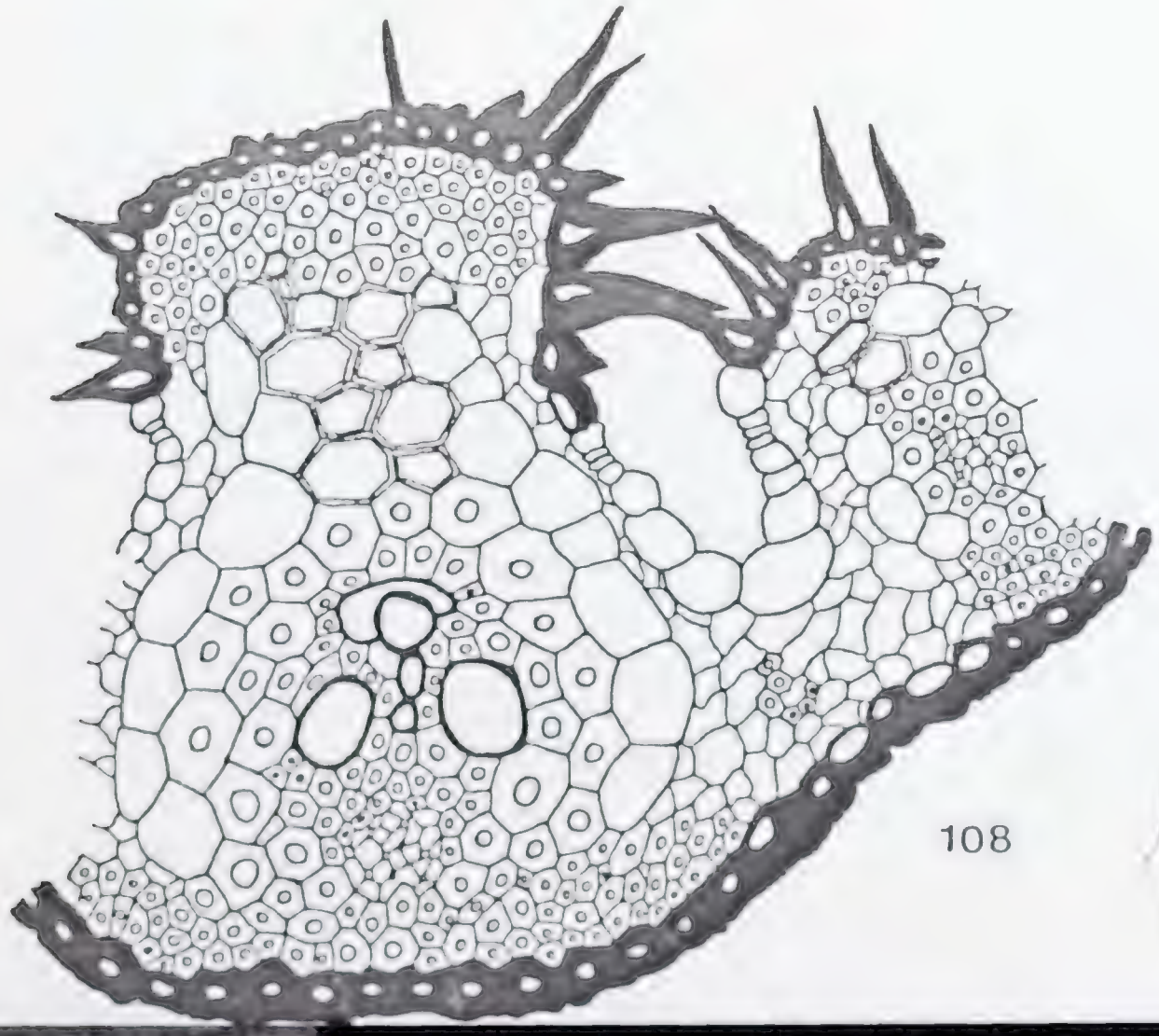

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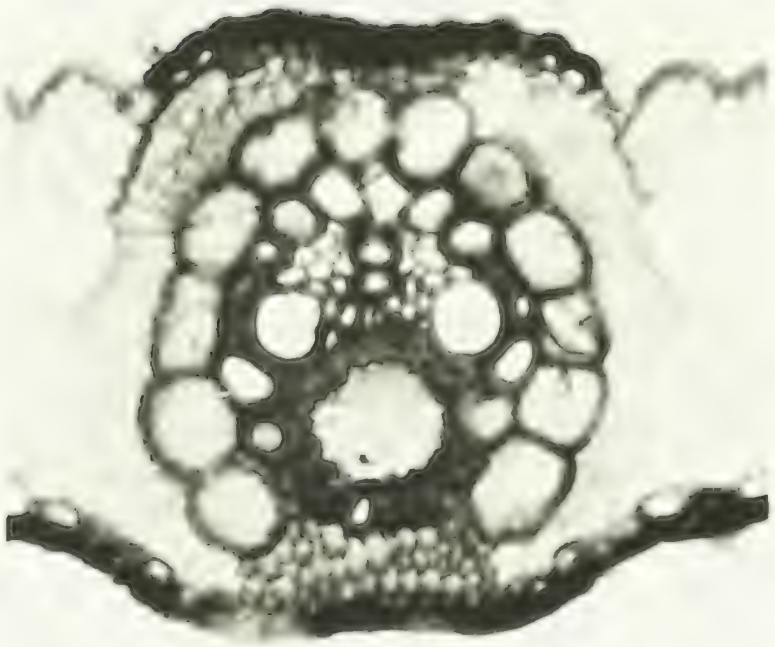
PLANCHE 37-A

145



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147

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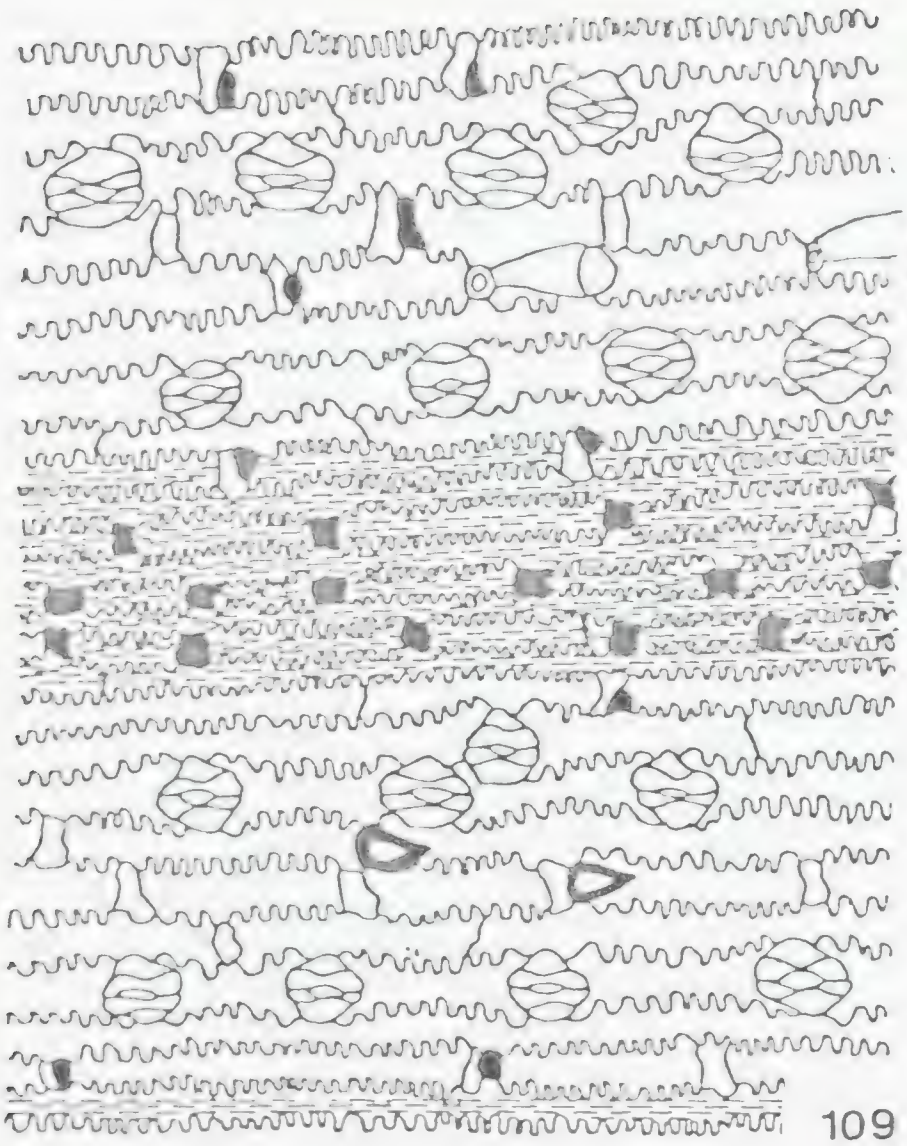
PLANCHE 37-B



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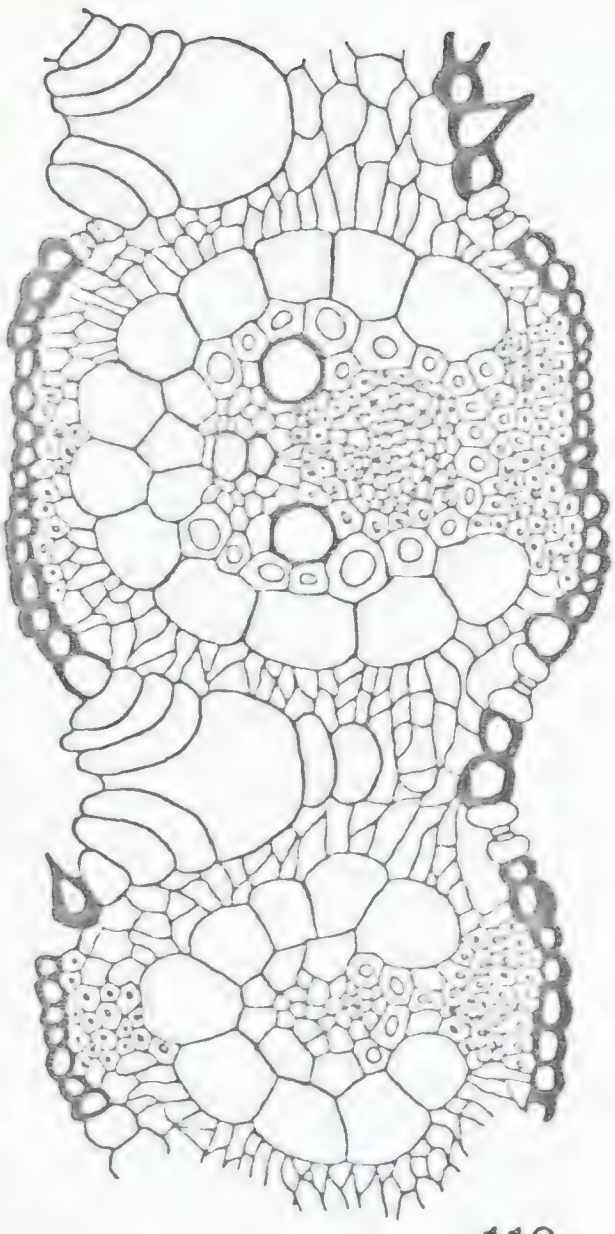

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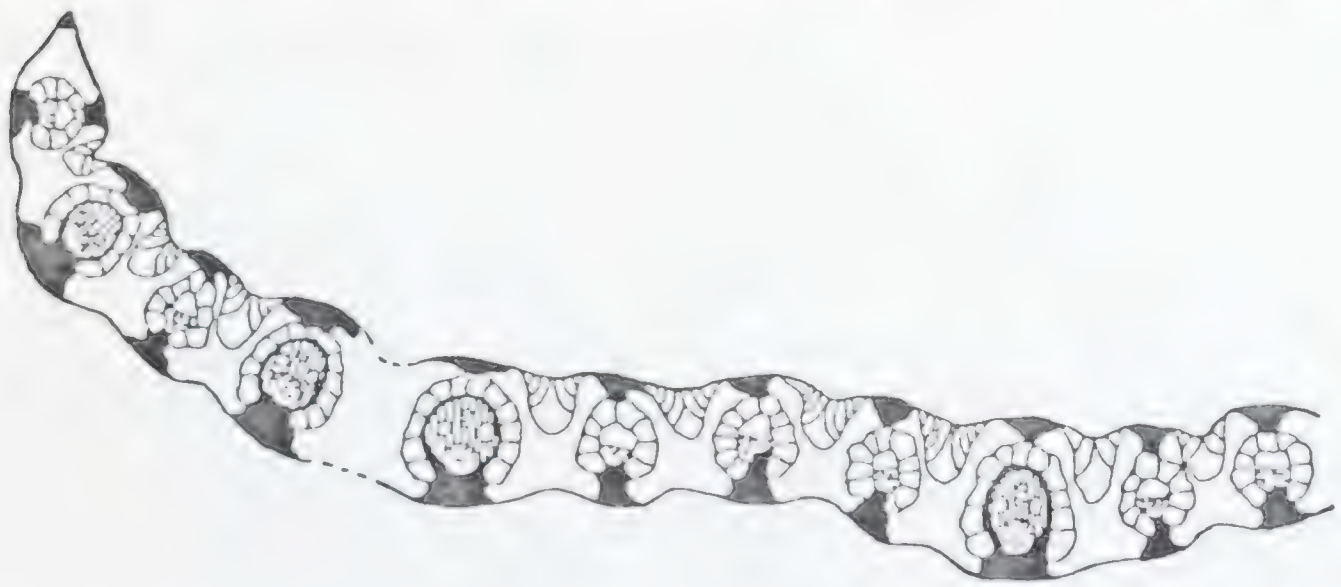

111

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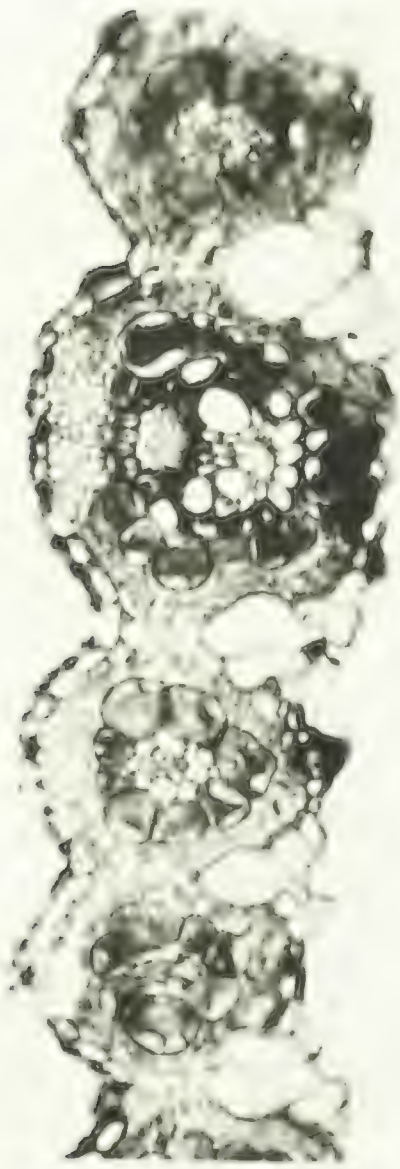
PLANCHE 38-A



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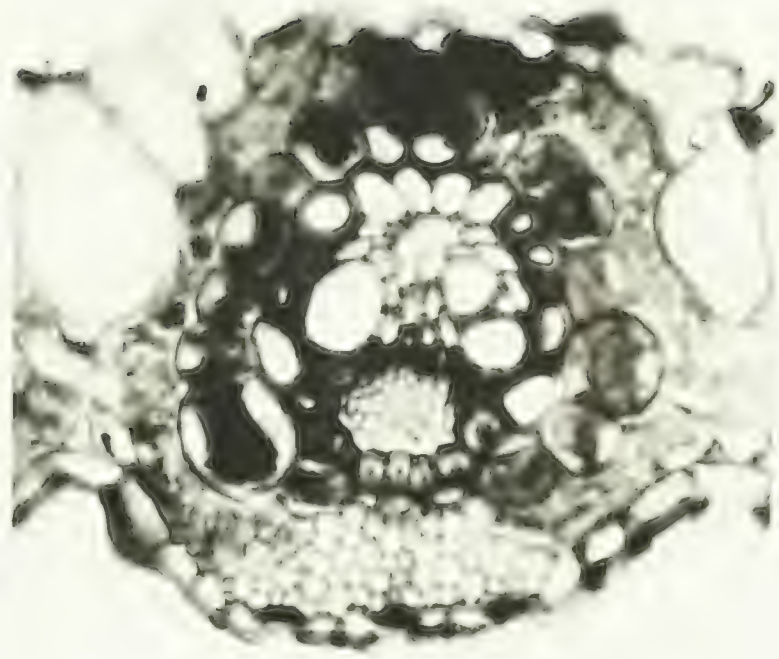

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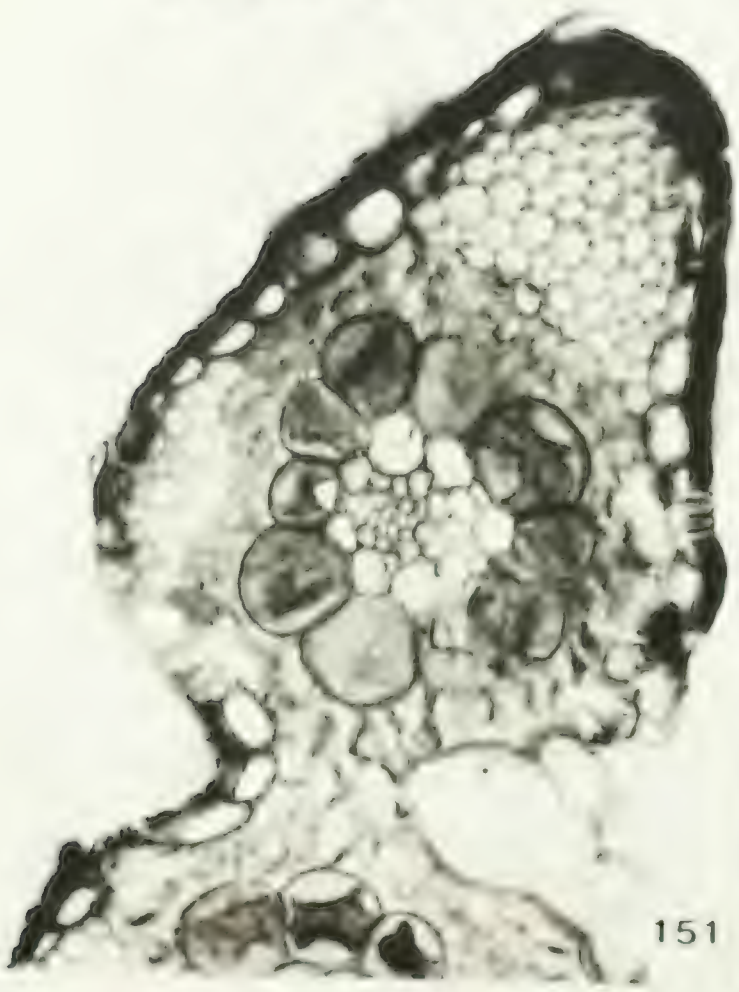

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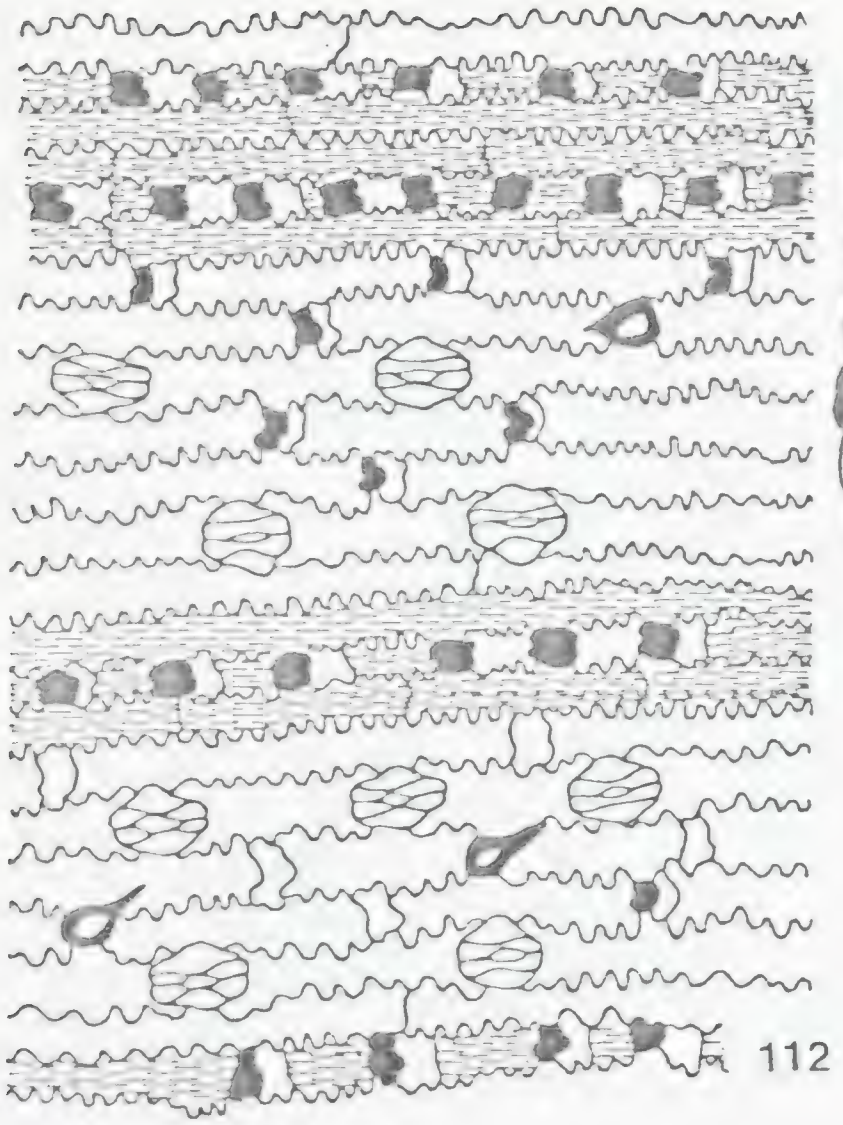
PLANCHE 38-B



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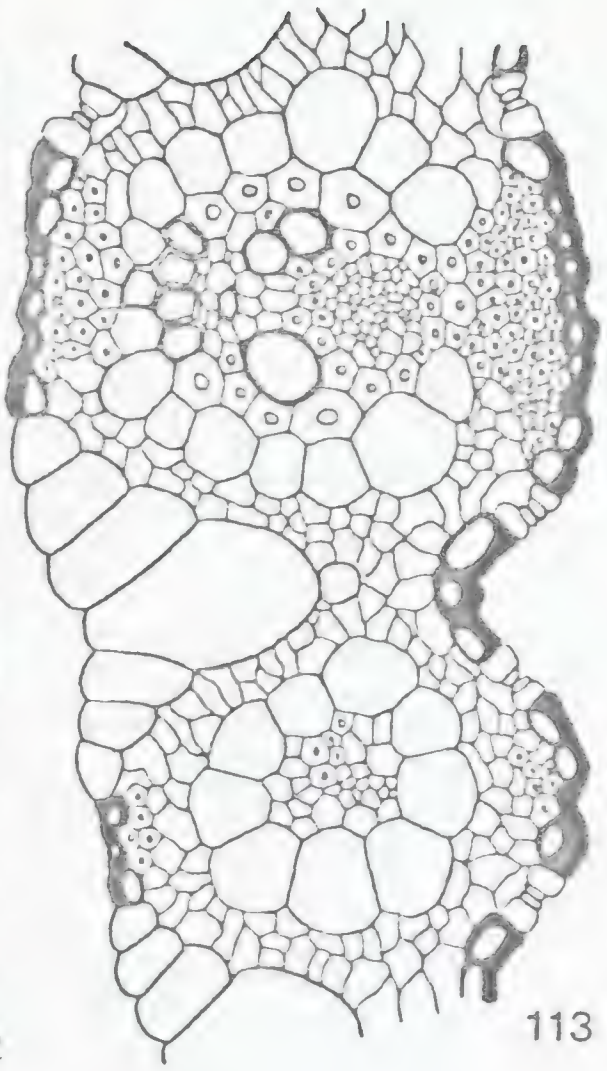

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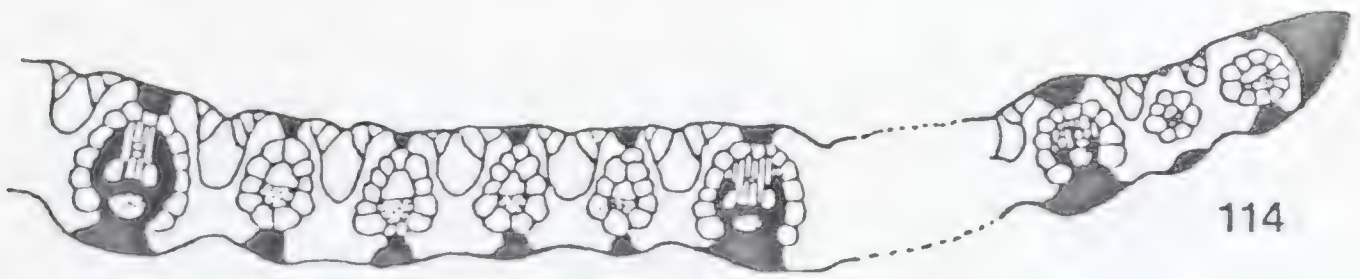

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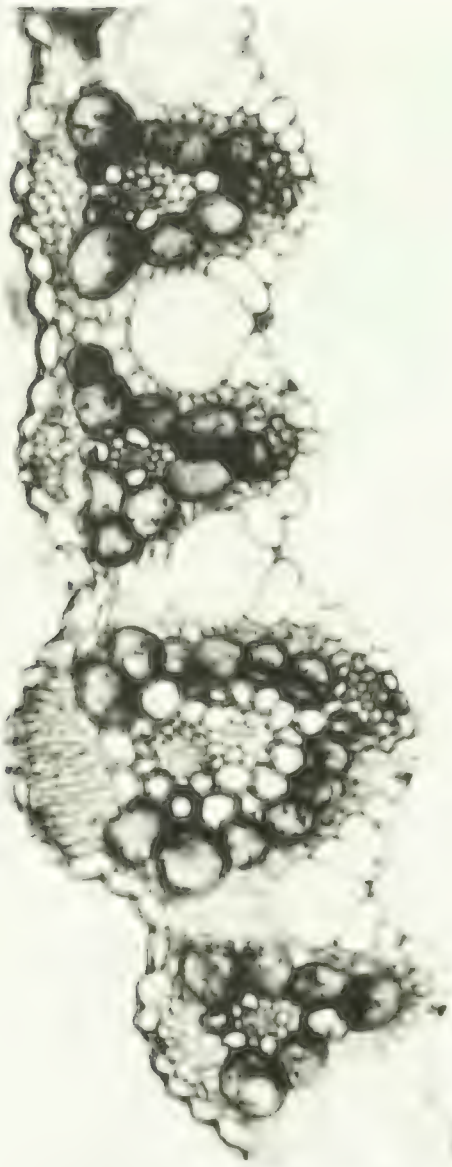
PLANCHE 39-A



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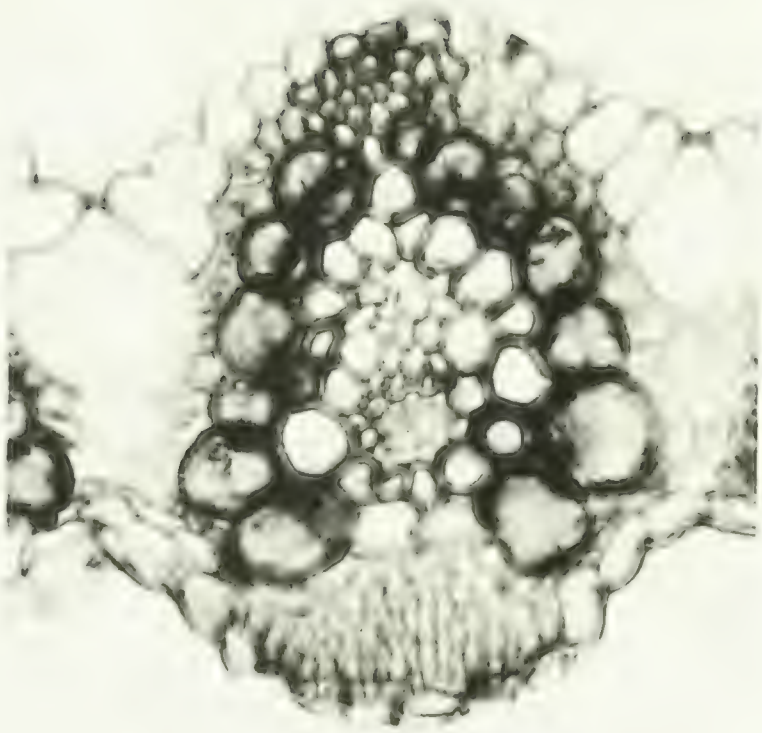

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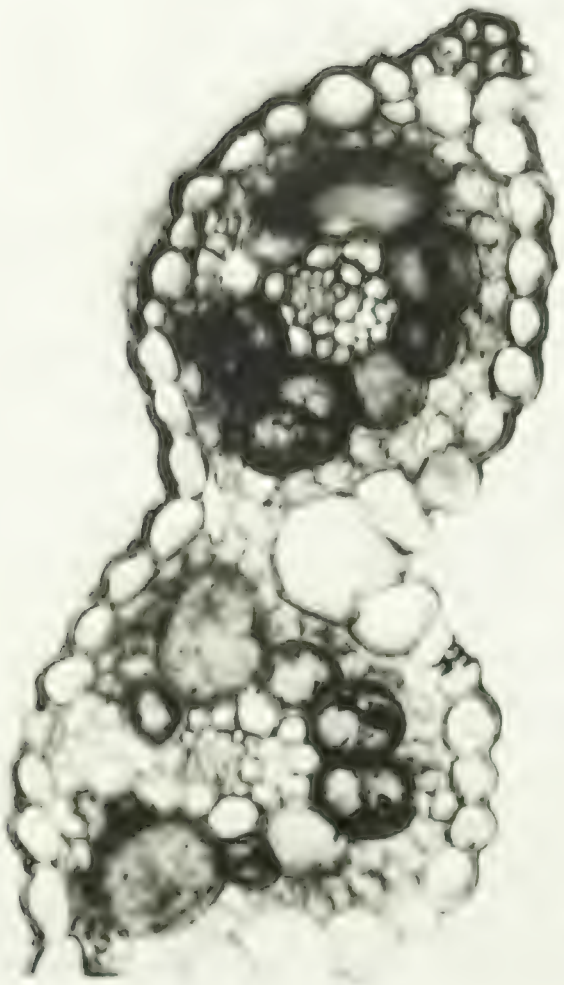

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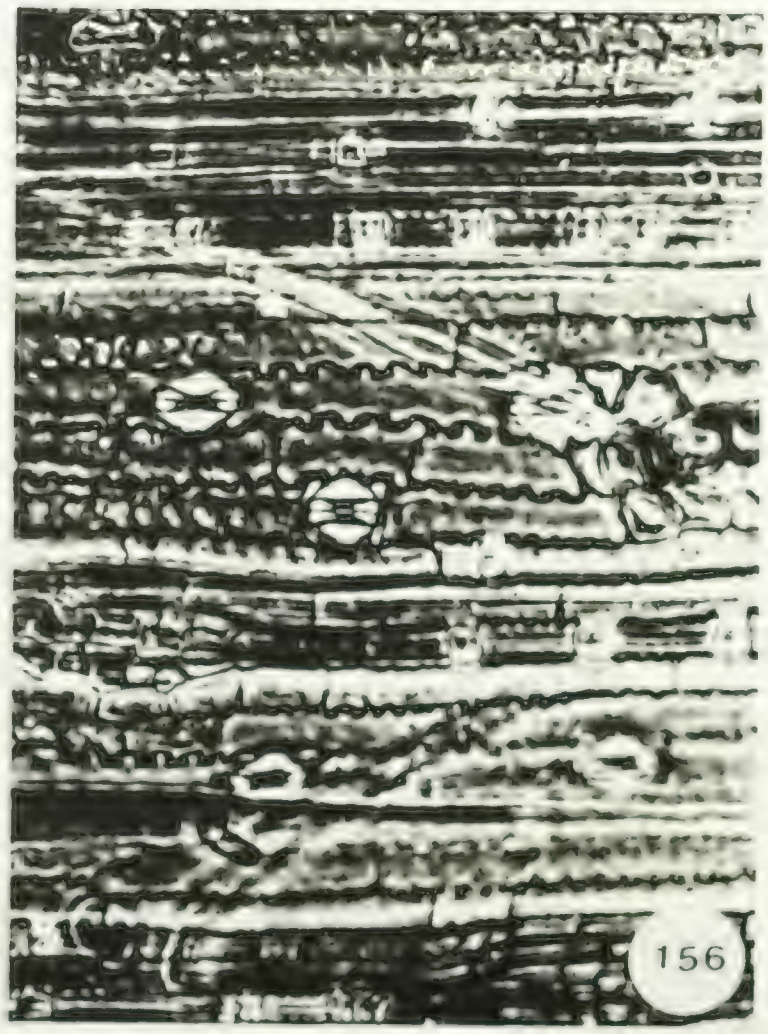

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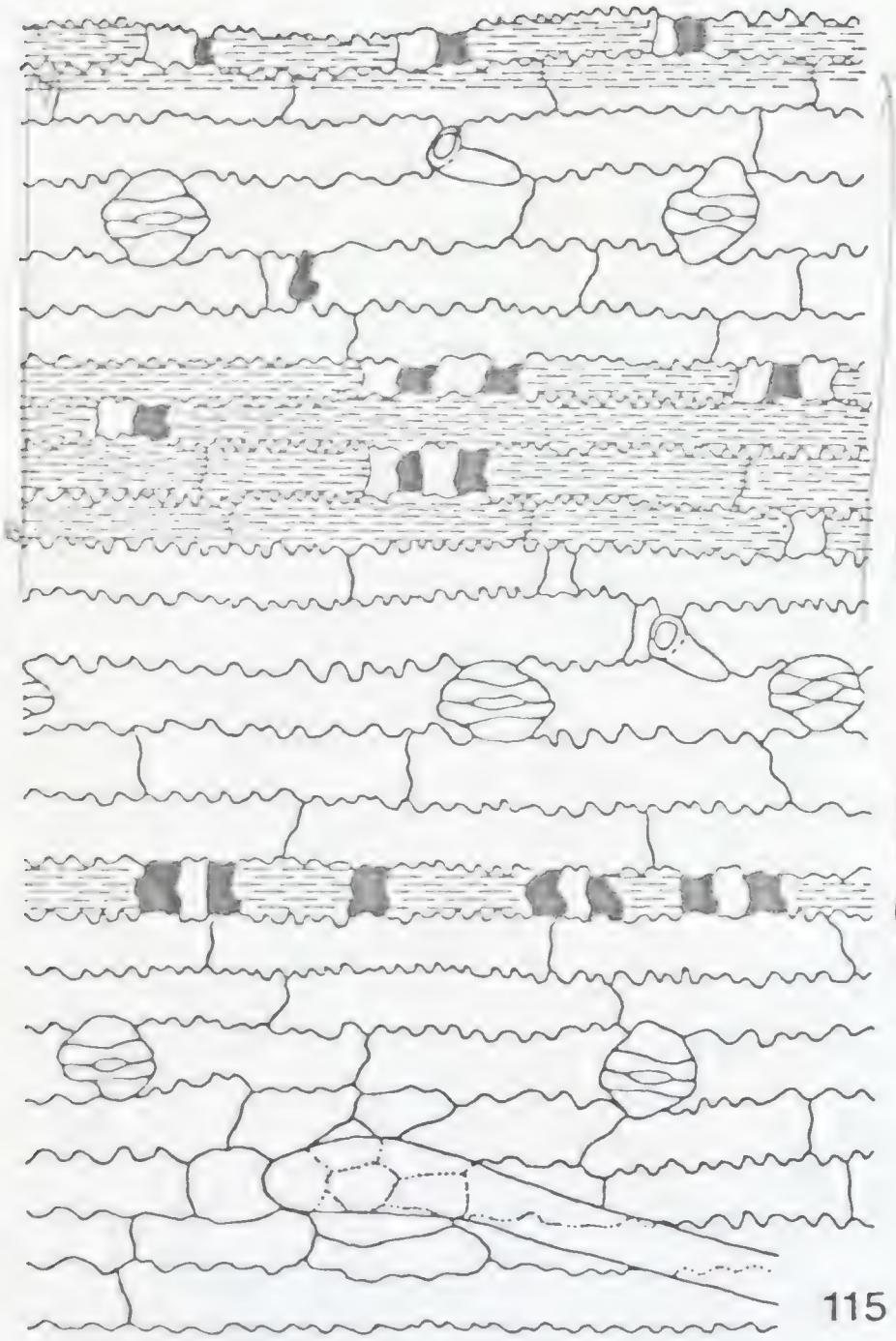
PLANCHE 39-B



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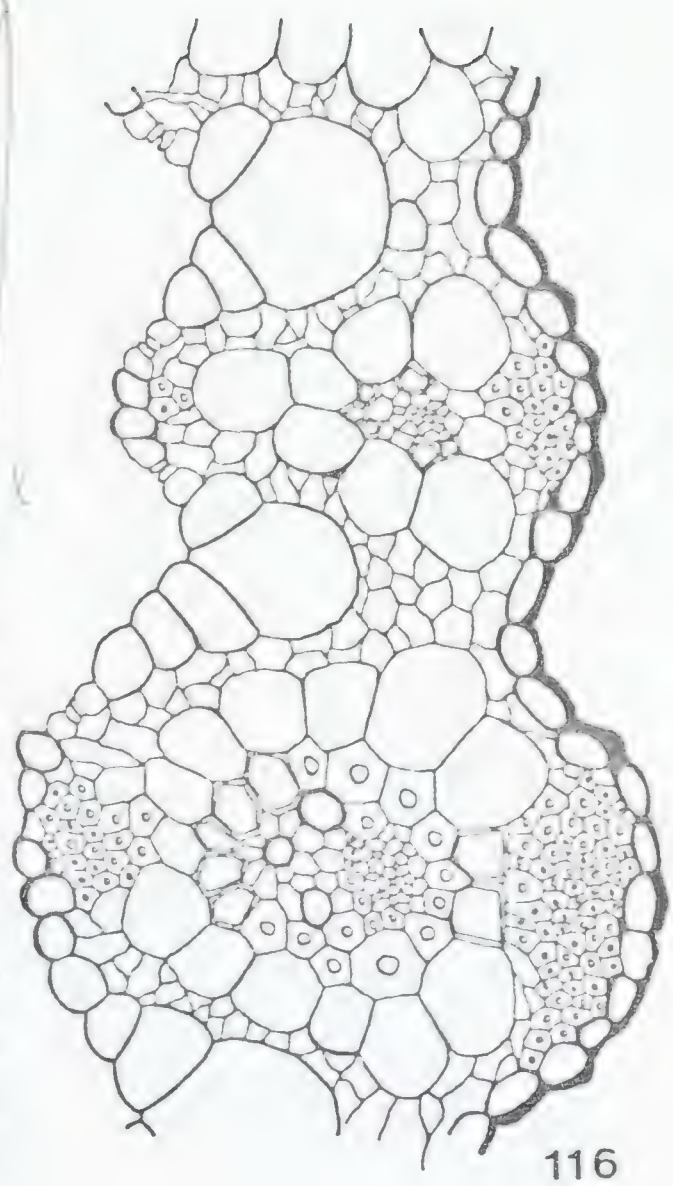

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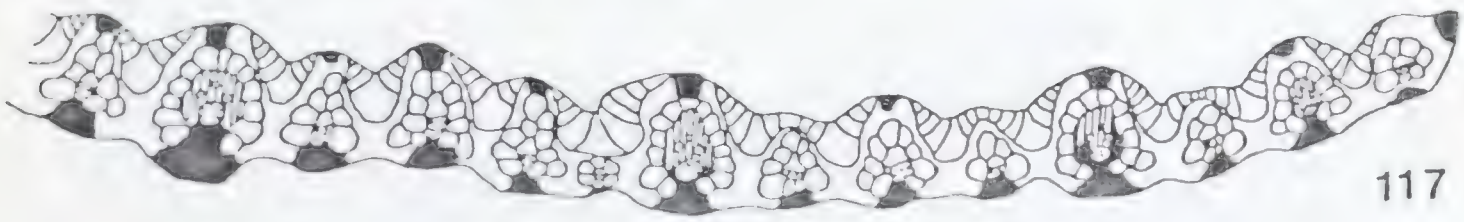

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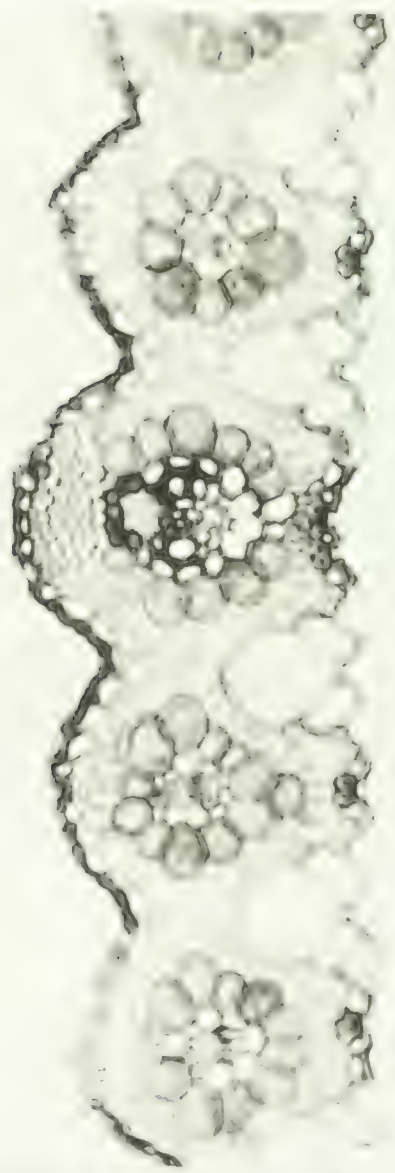
PLANCHE 40 A



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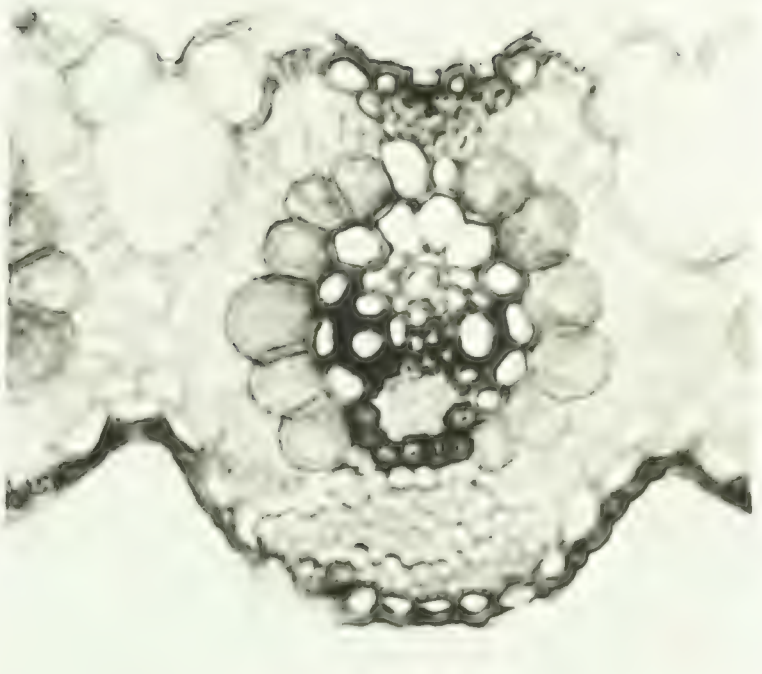

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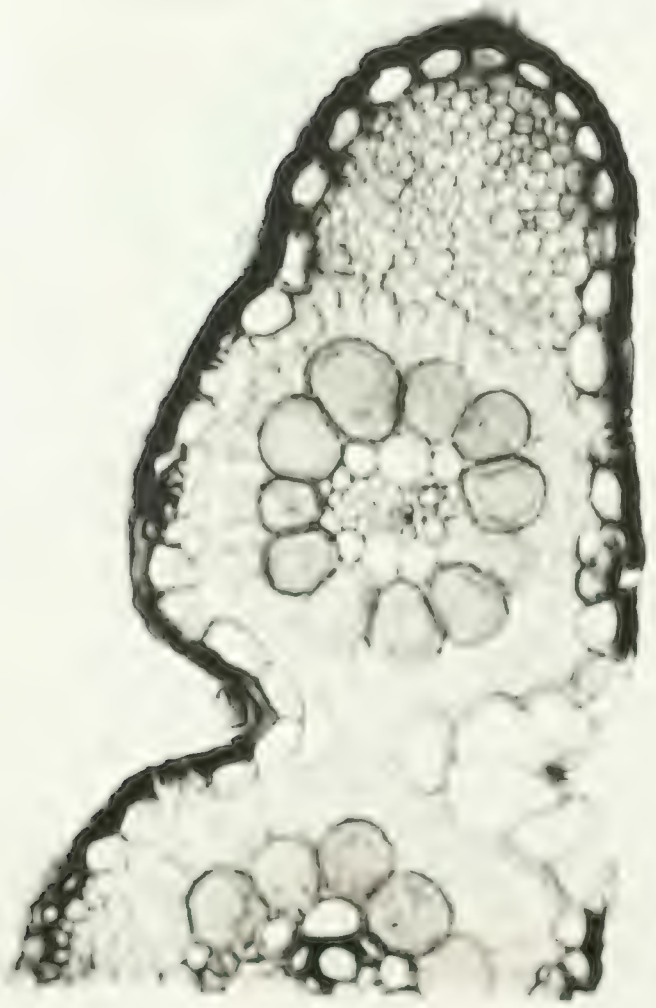

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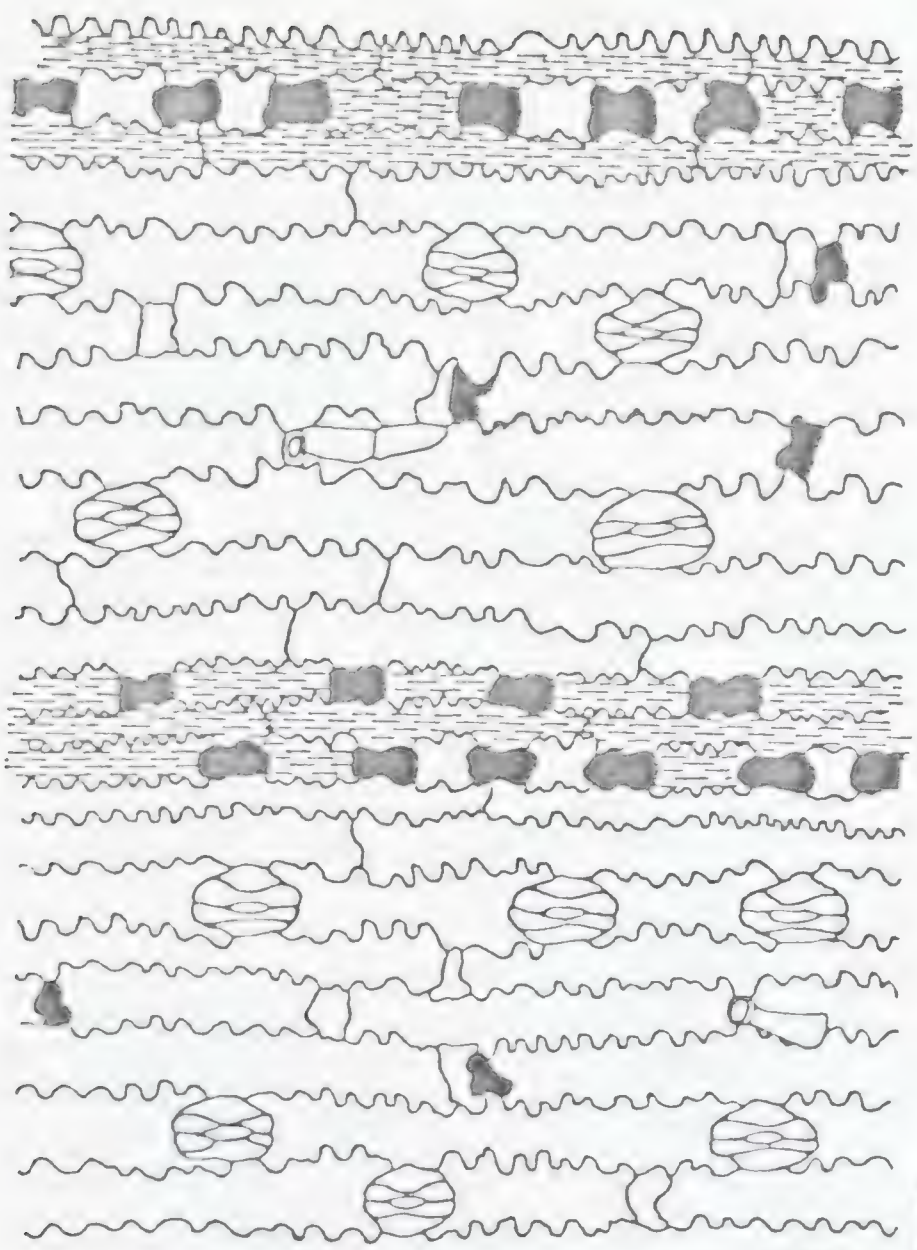
PLANCHE 40-B



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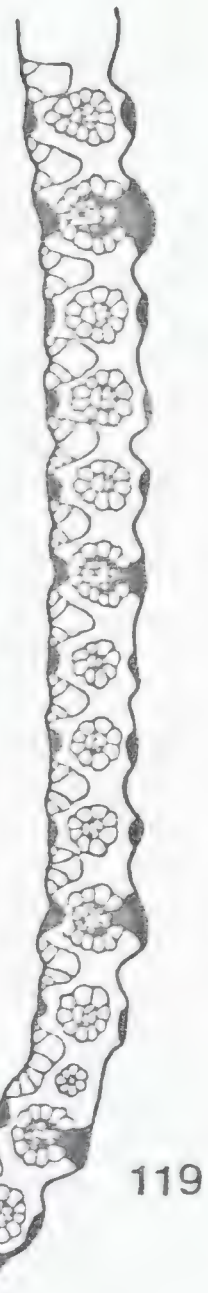

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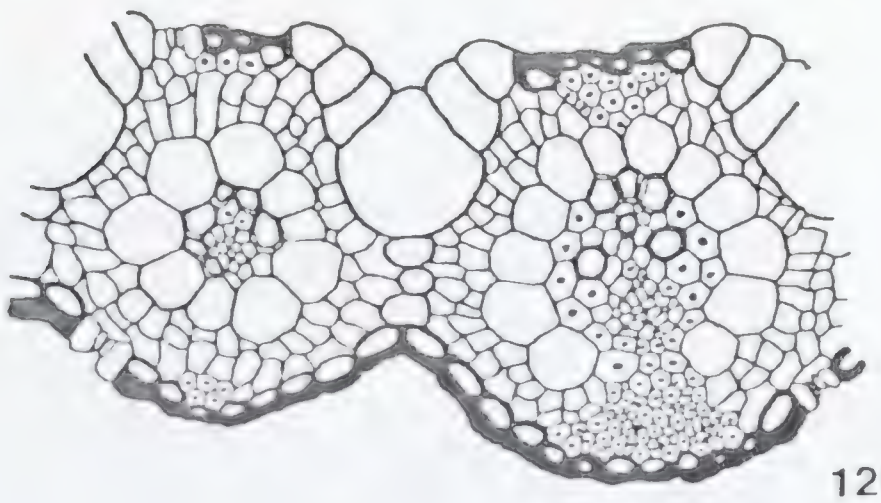

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PLANCHE 41-A

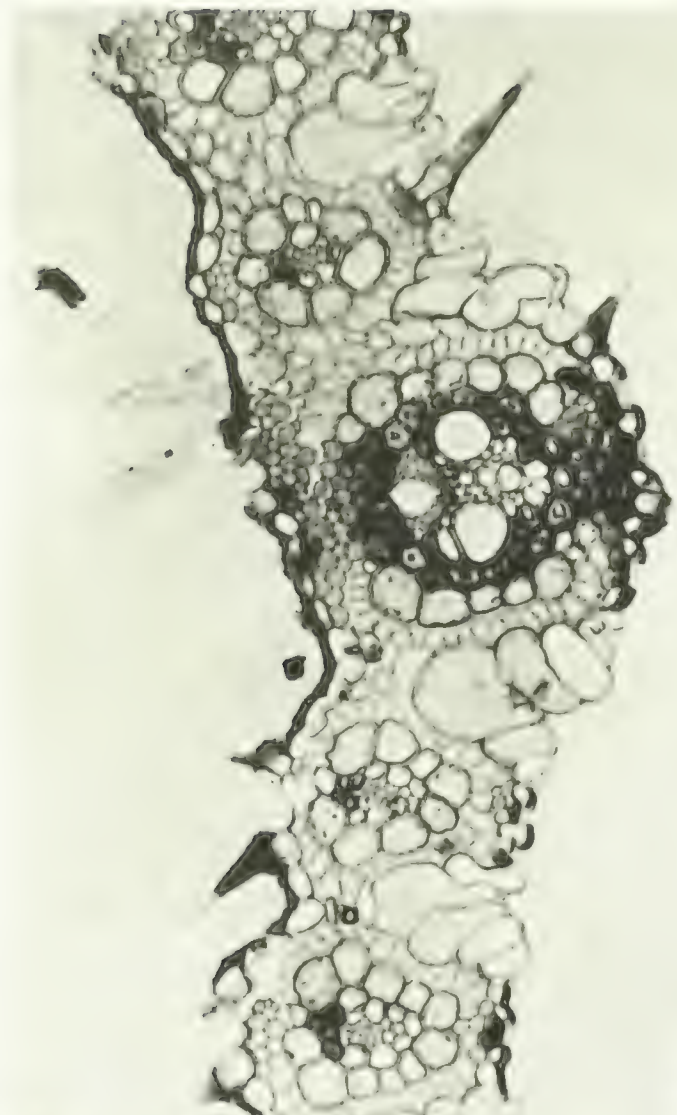

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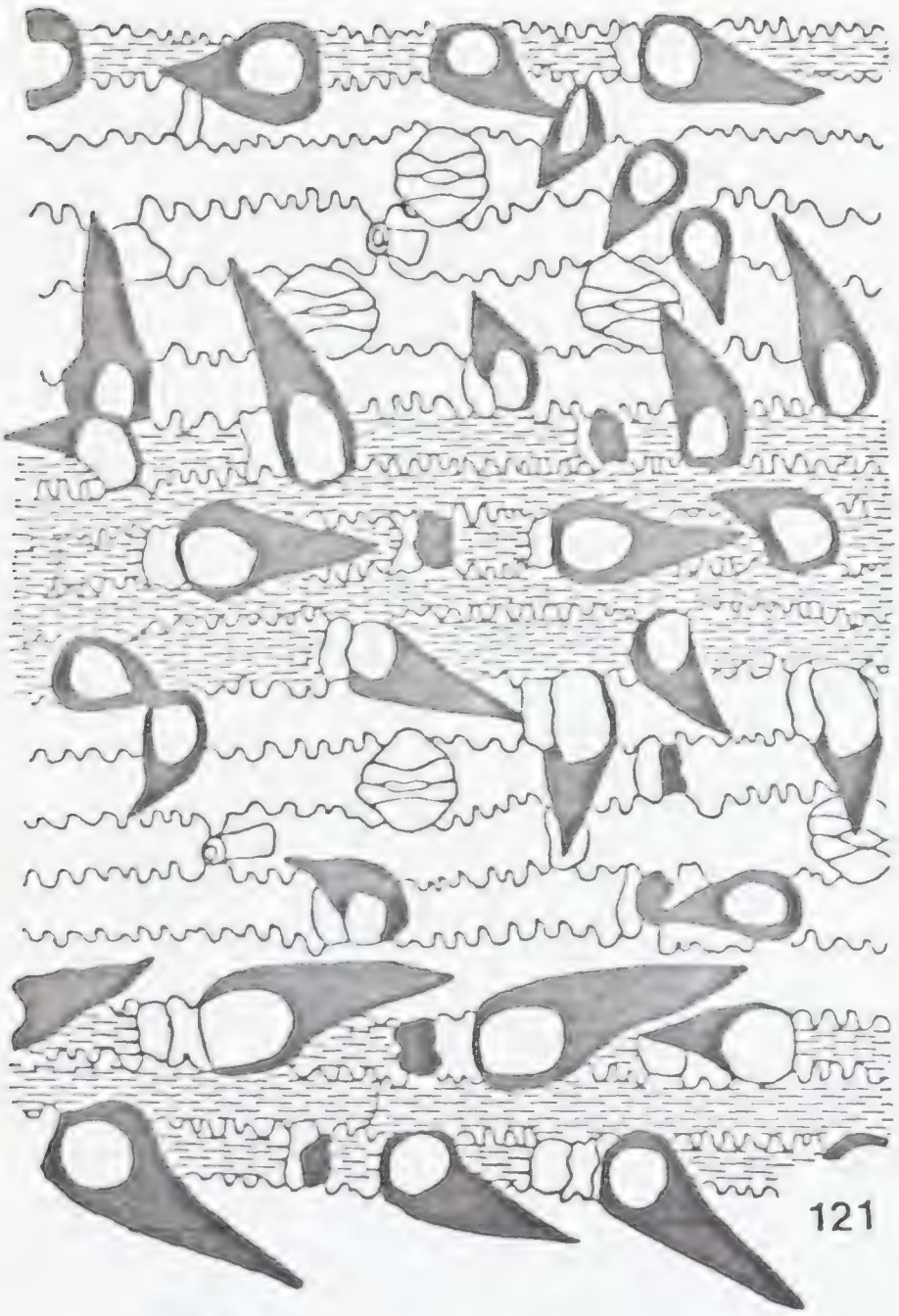
PLANCHE 41-B



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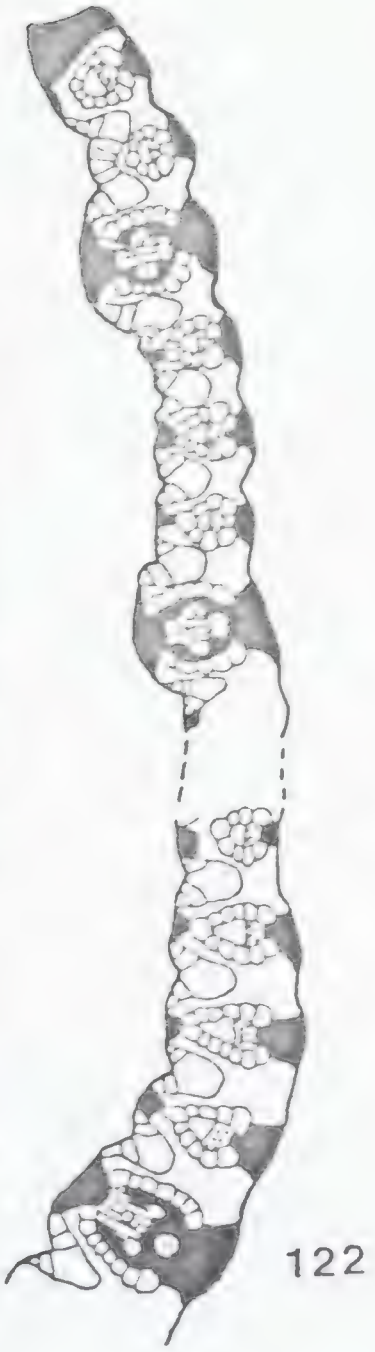

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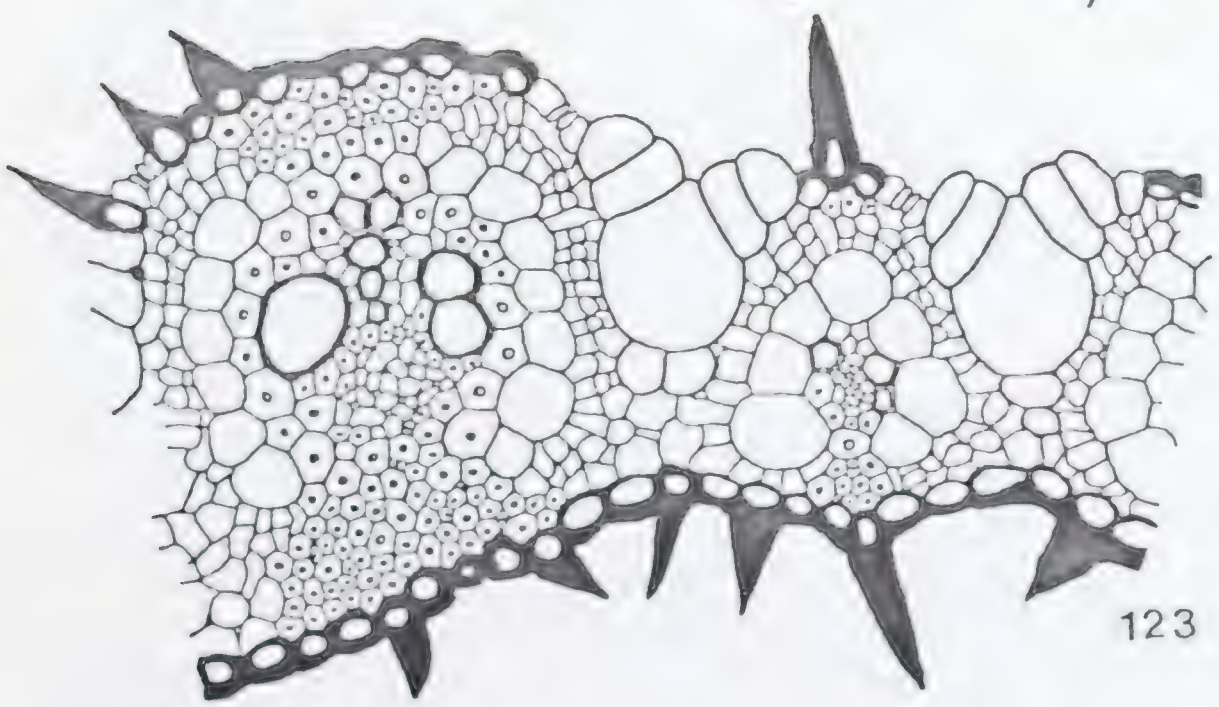

123

PLANCHE 42-A

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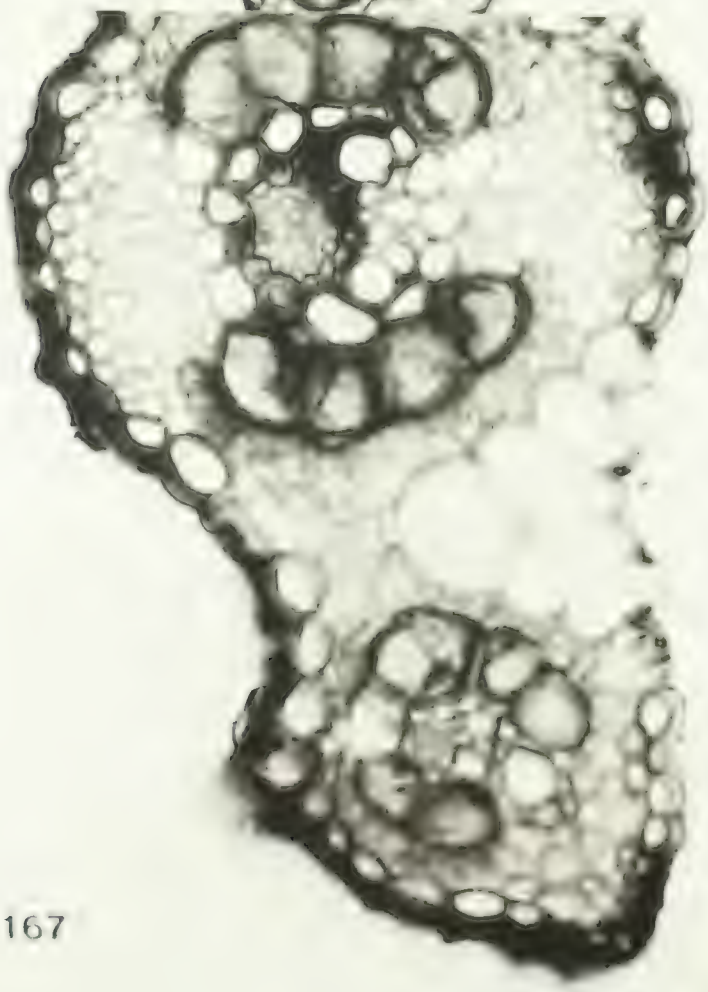
166



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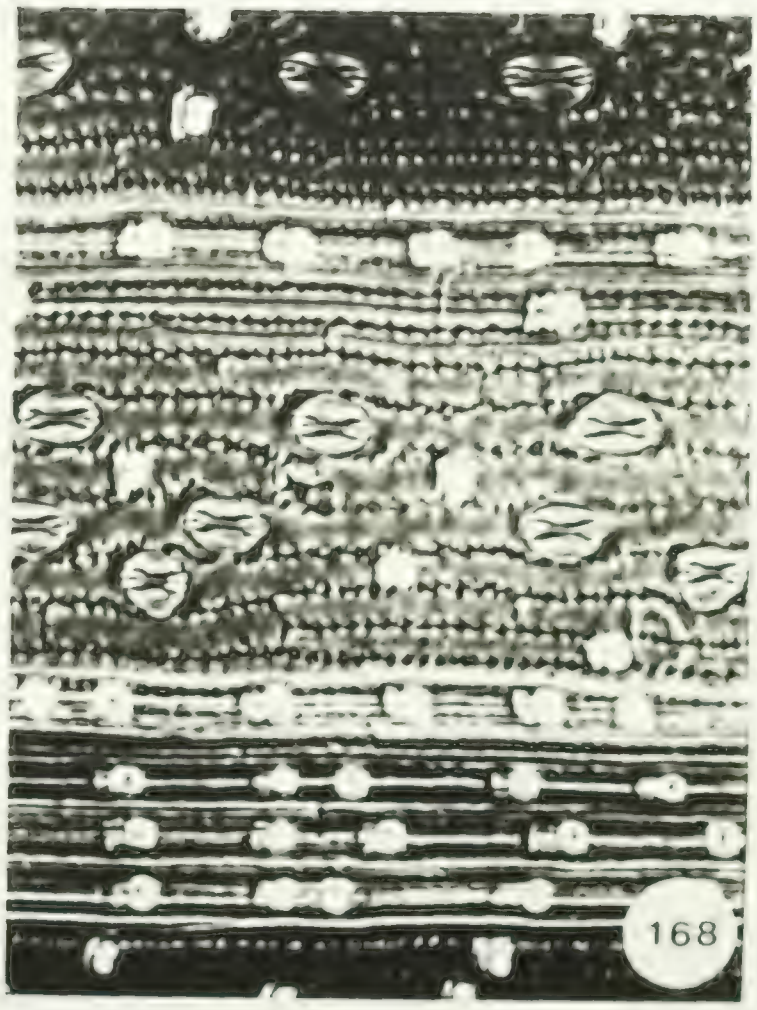
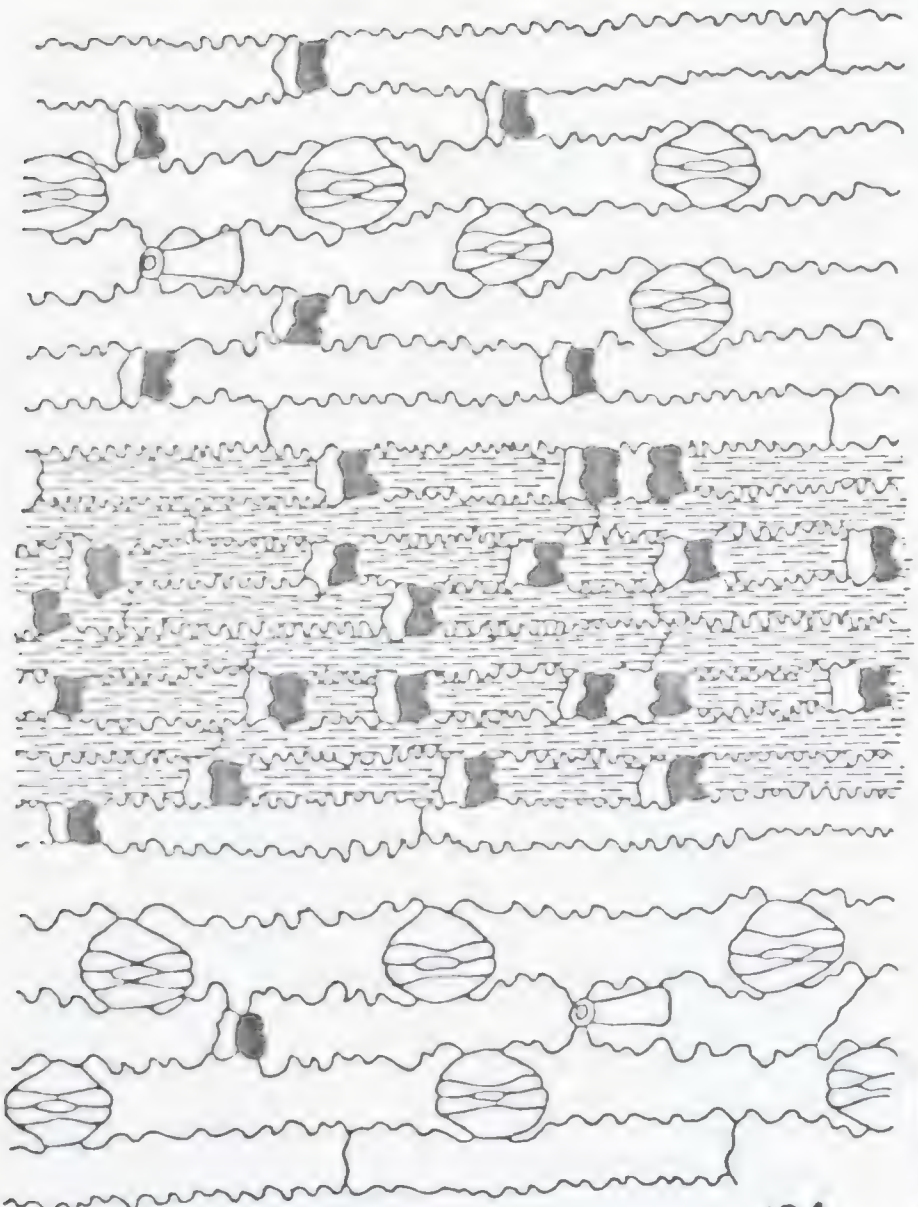


168

PLANCHE 42-B



124

125

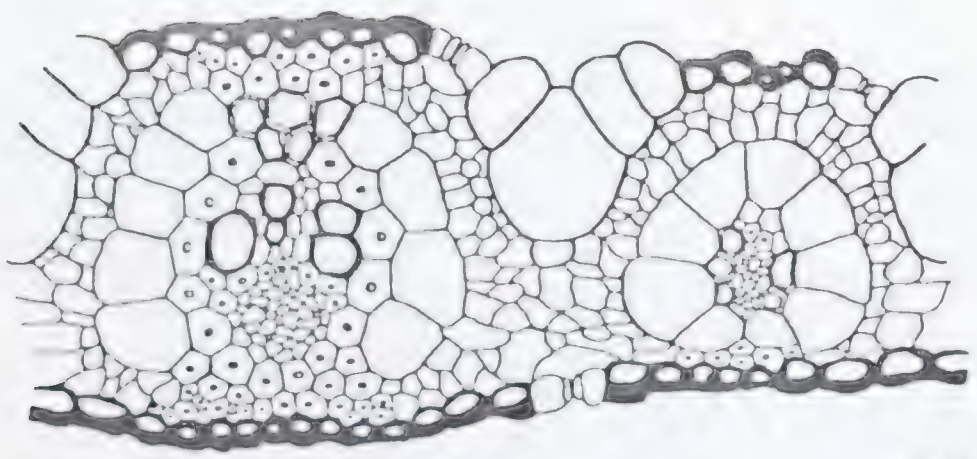


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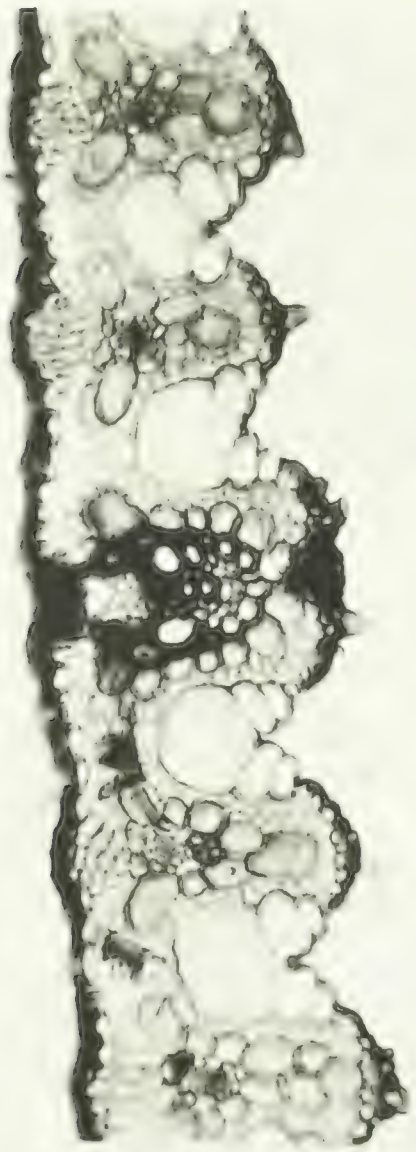
PLANCHE 43-A



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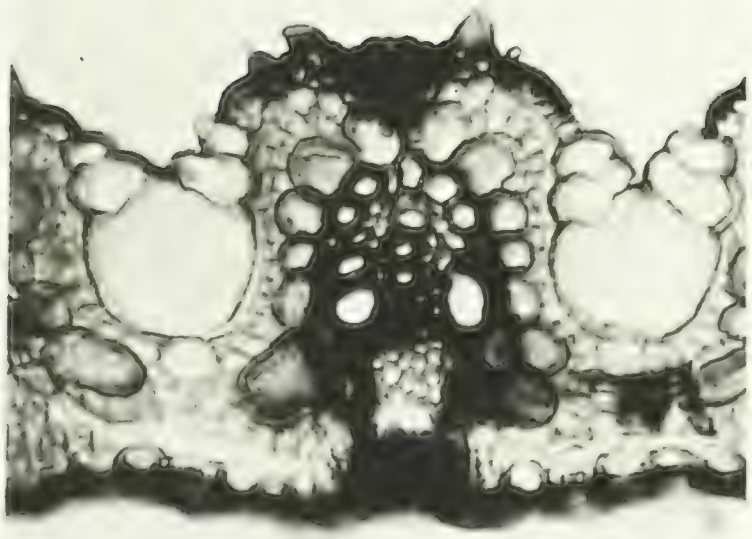

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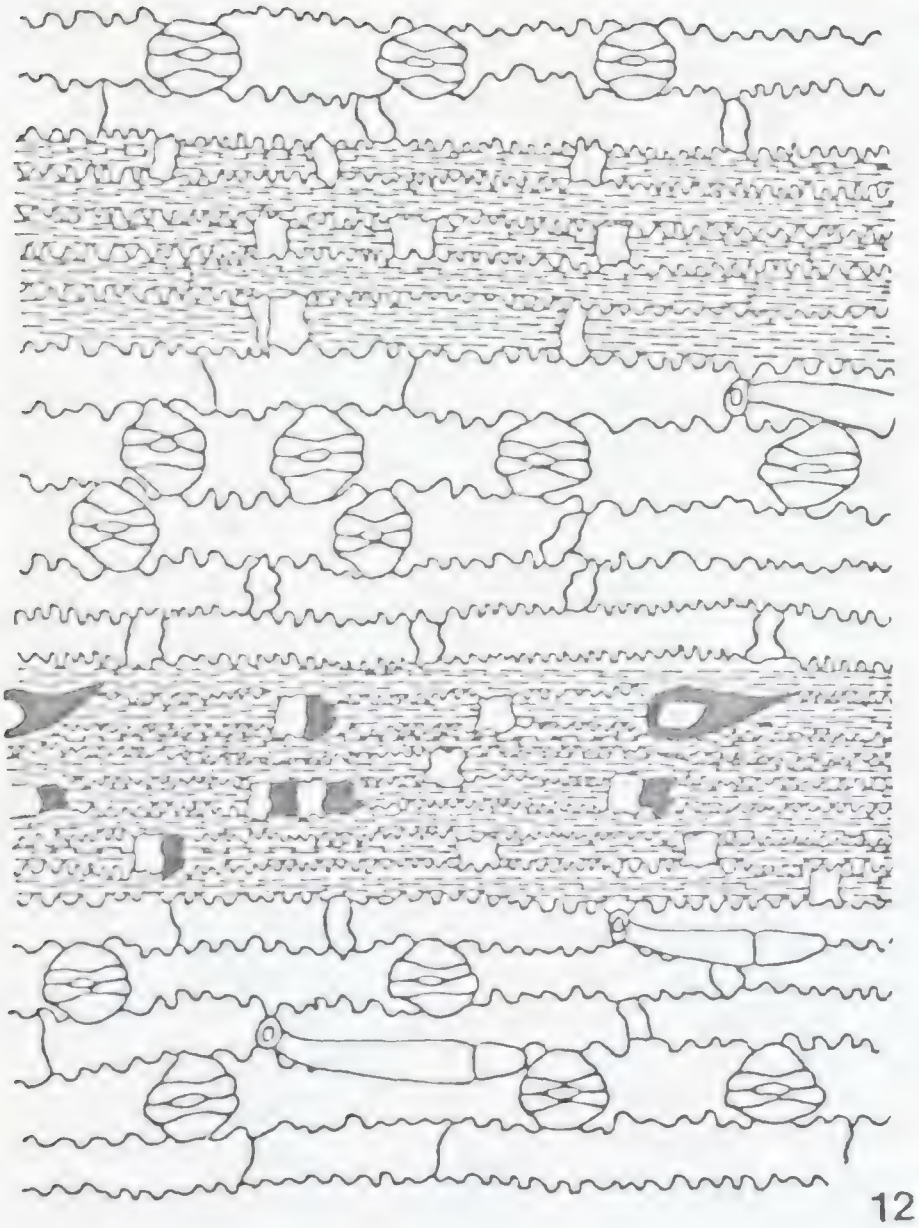
PLANCHE 43-B



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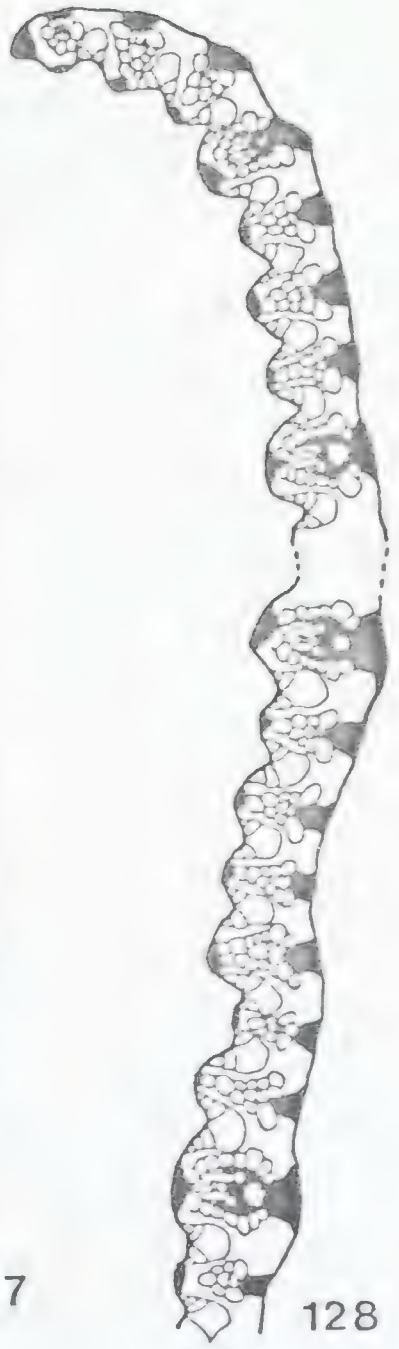

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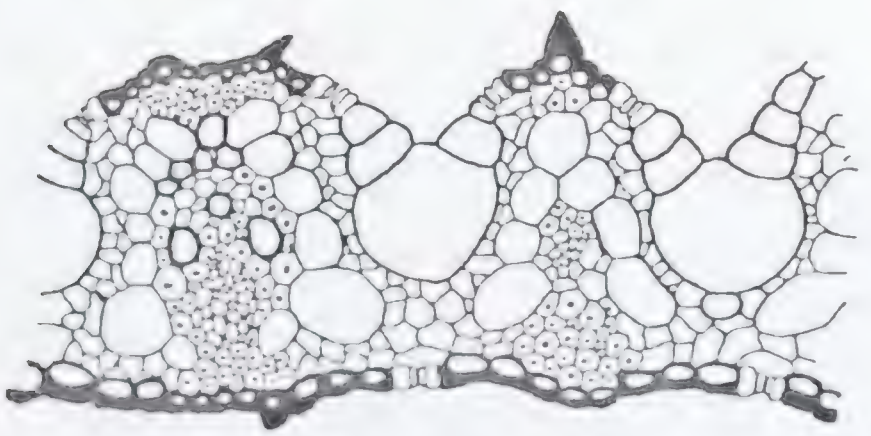
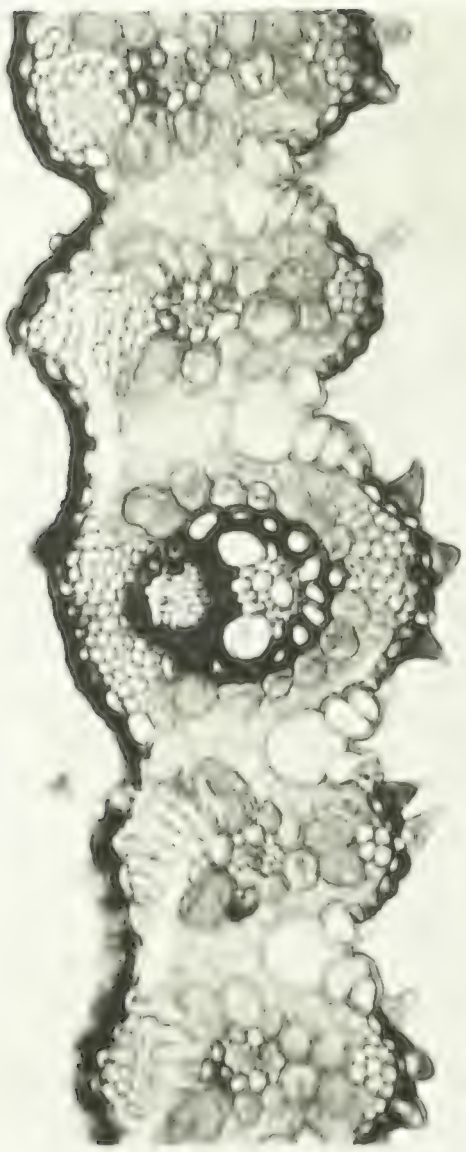
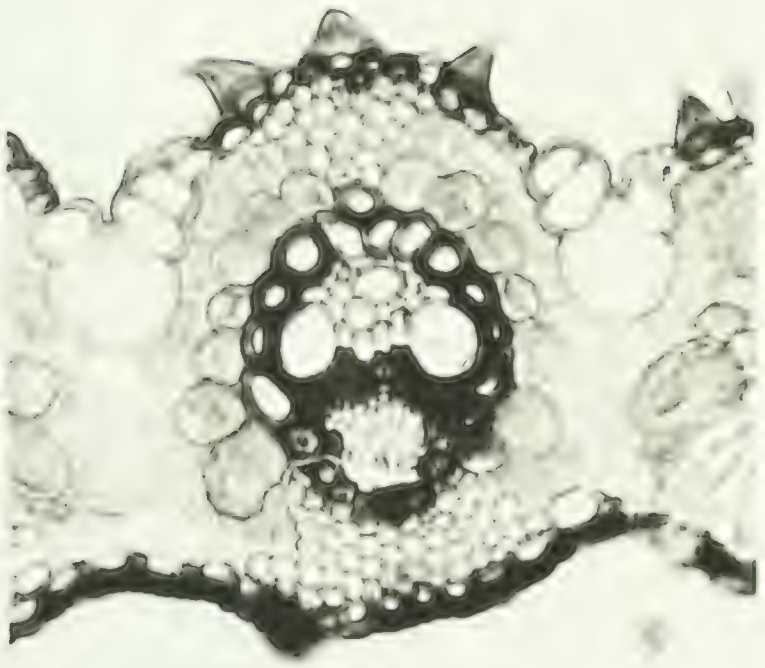


129

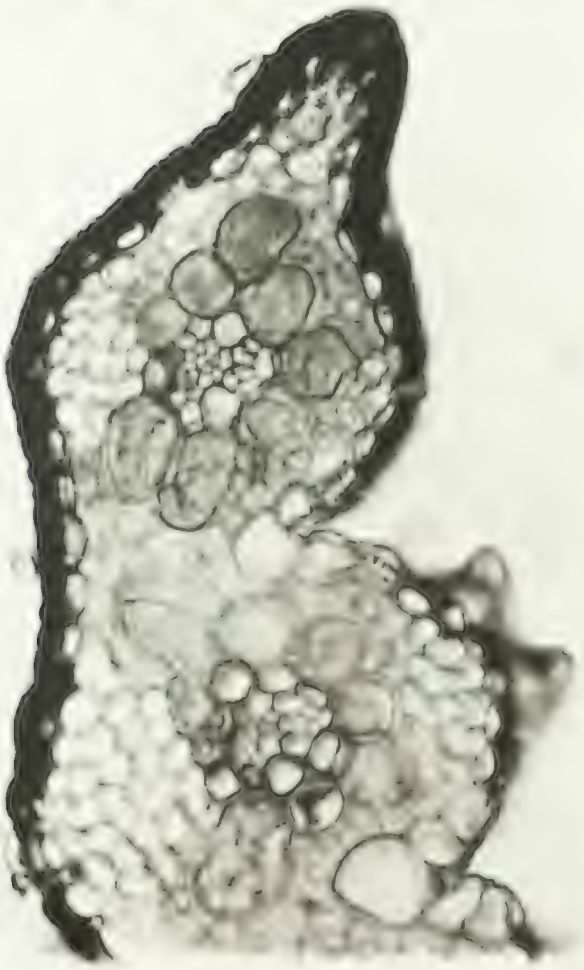
PLANCHE 44-A



173



174



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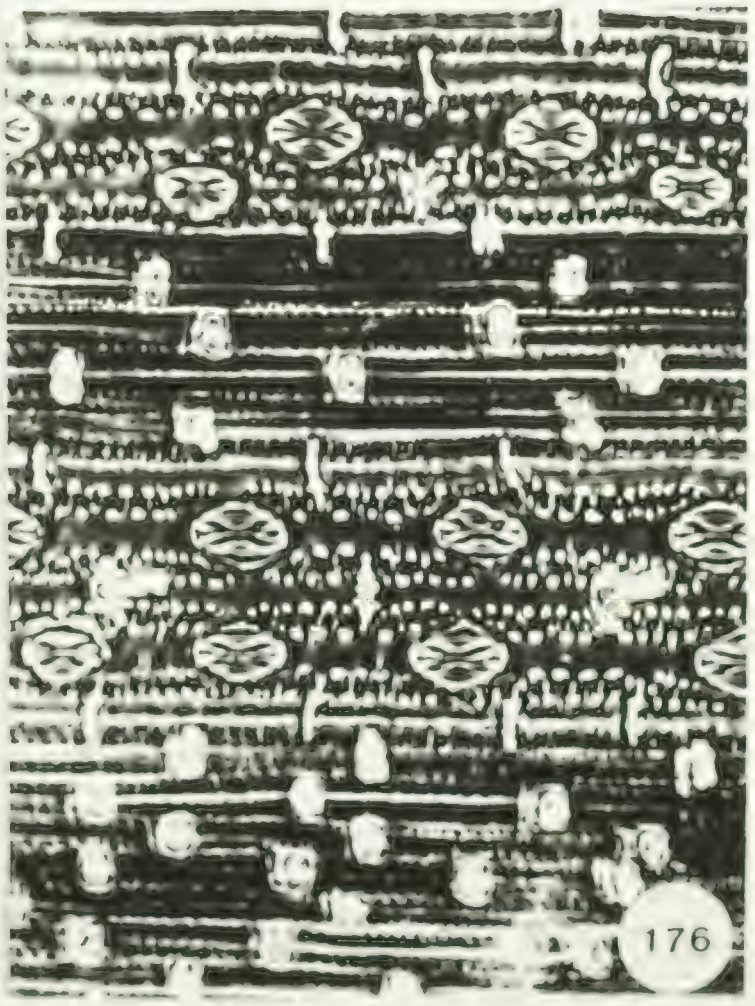
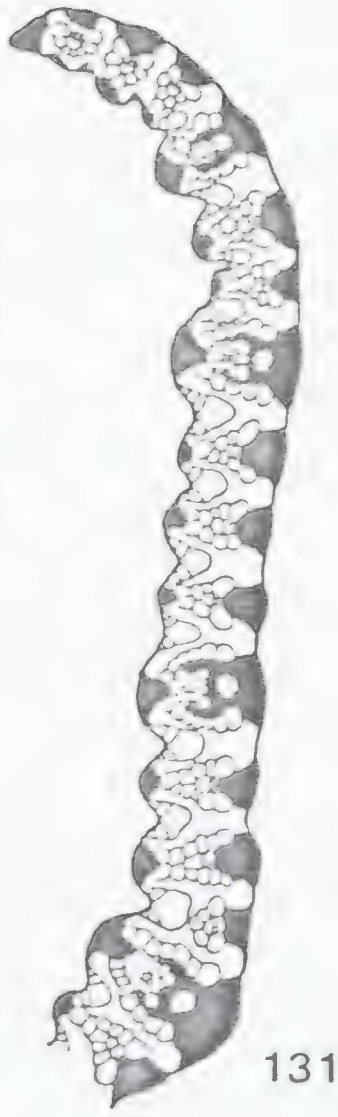


176

PLANCHE 44-B

130



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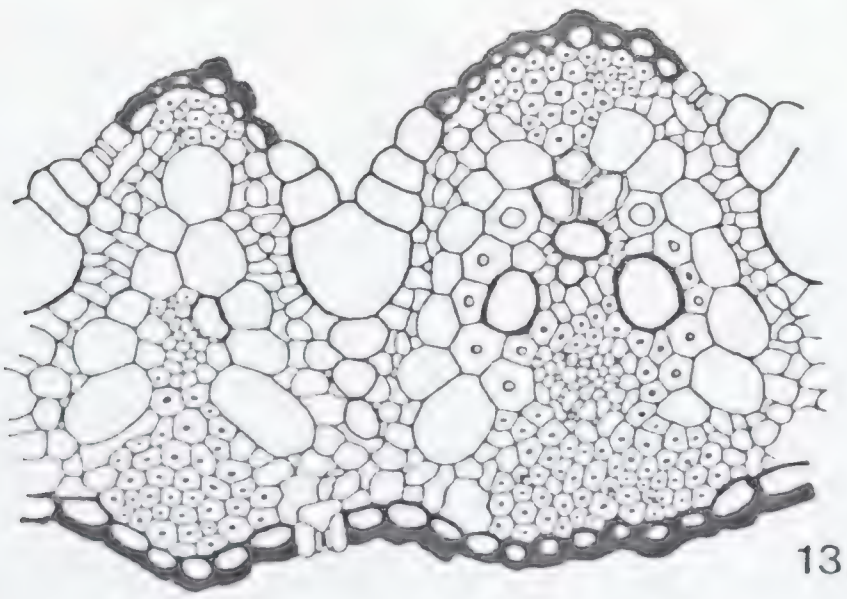

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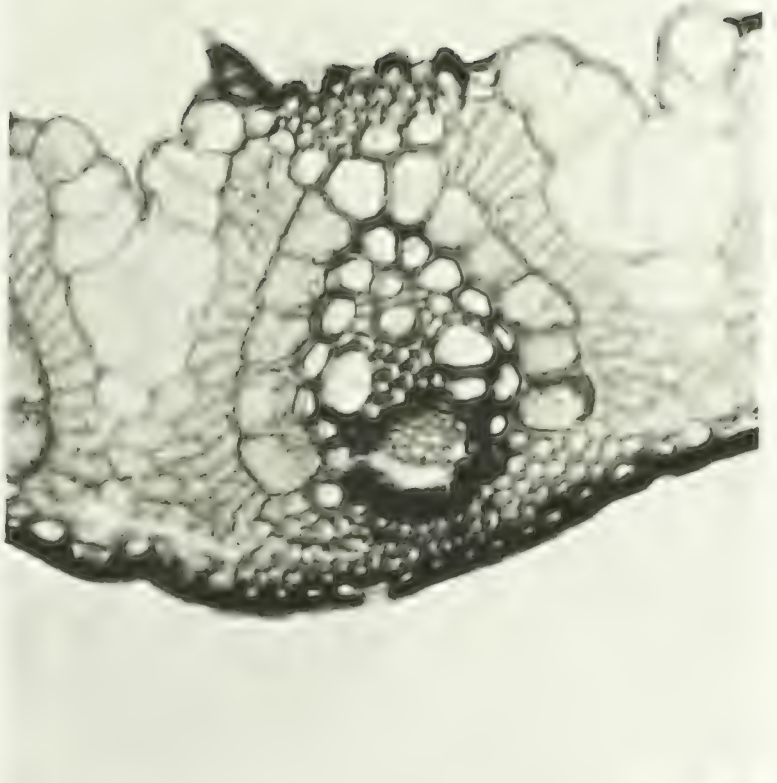
PLANCHE 45-A

177



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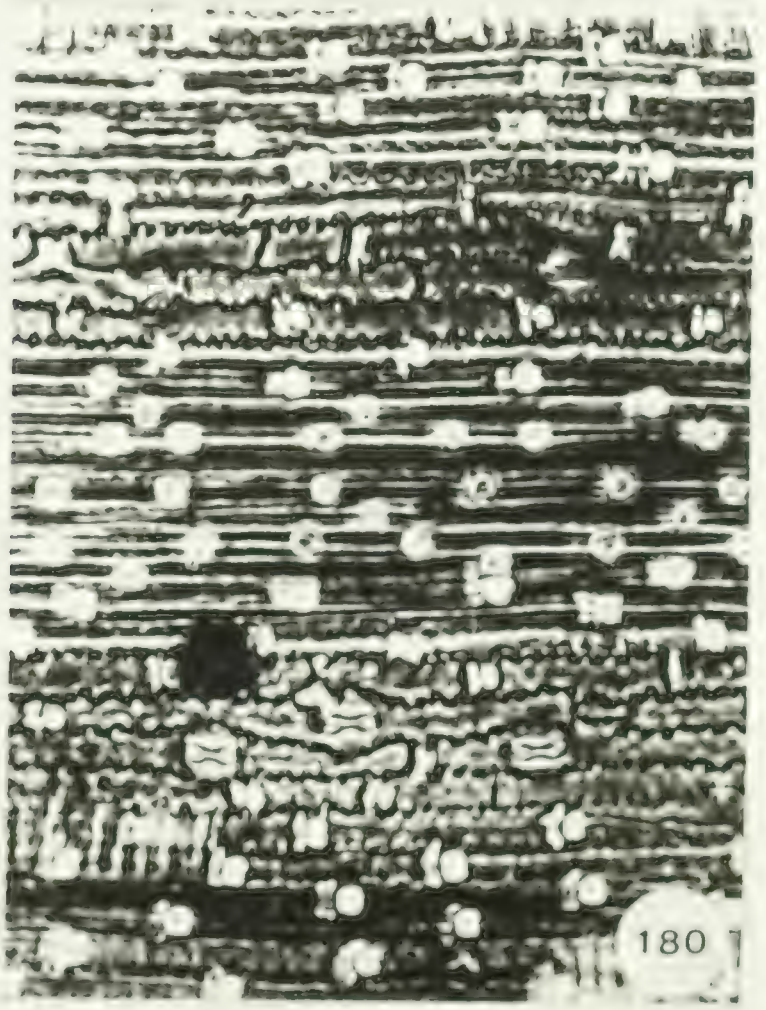

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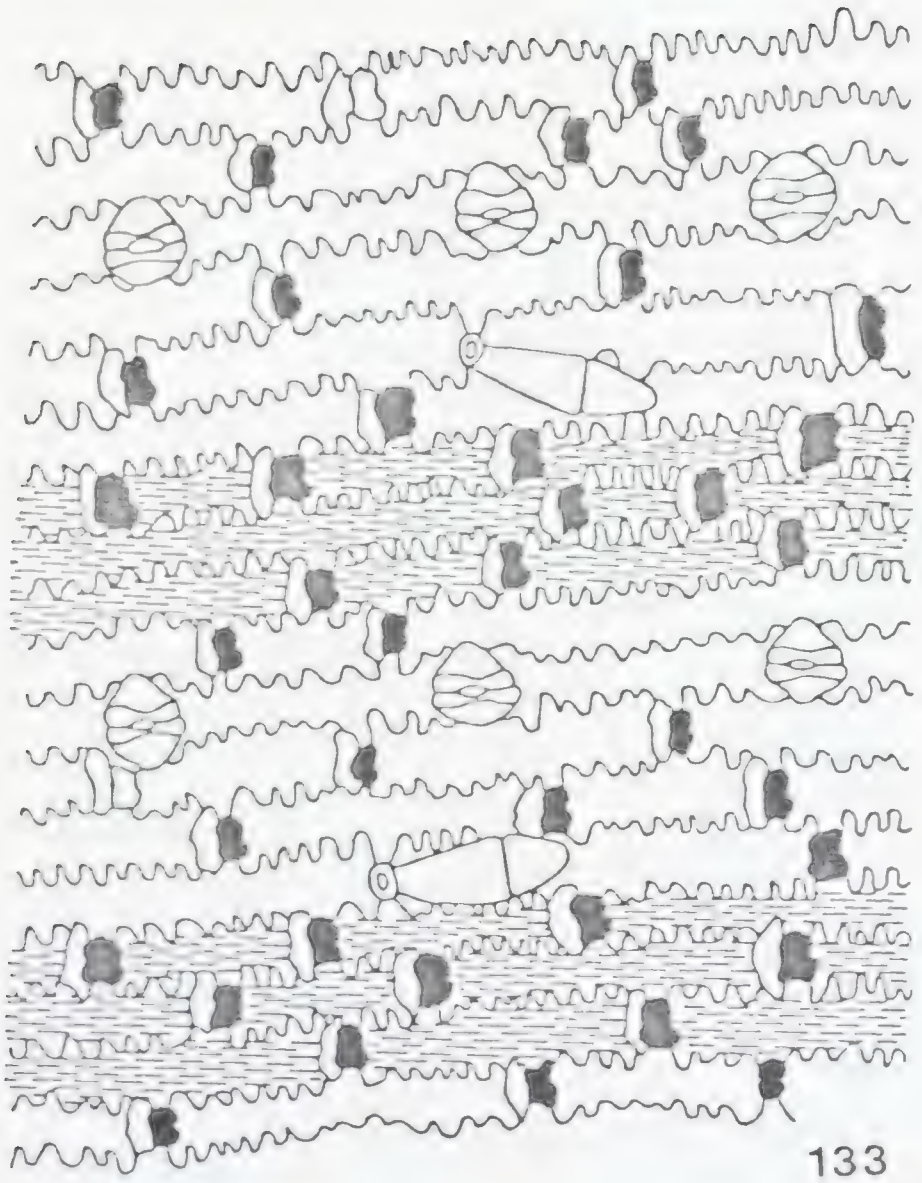
PLANCHE 45-B



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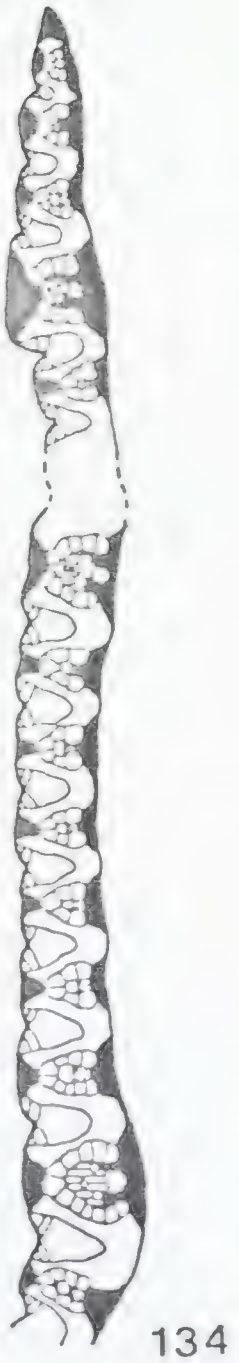

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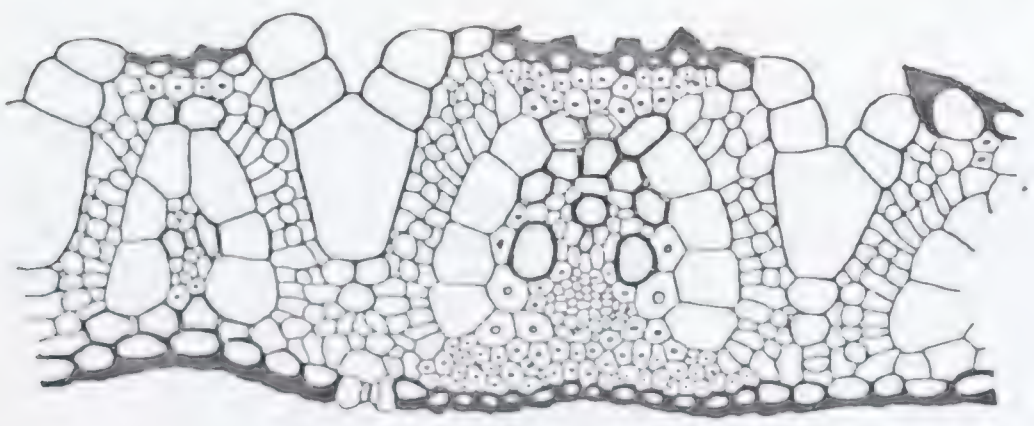

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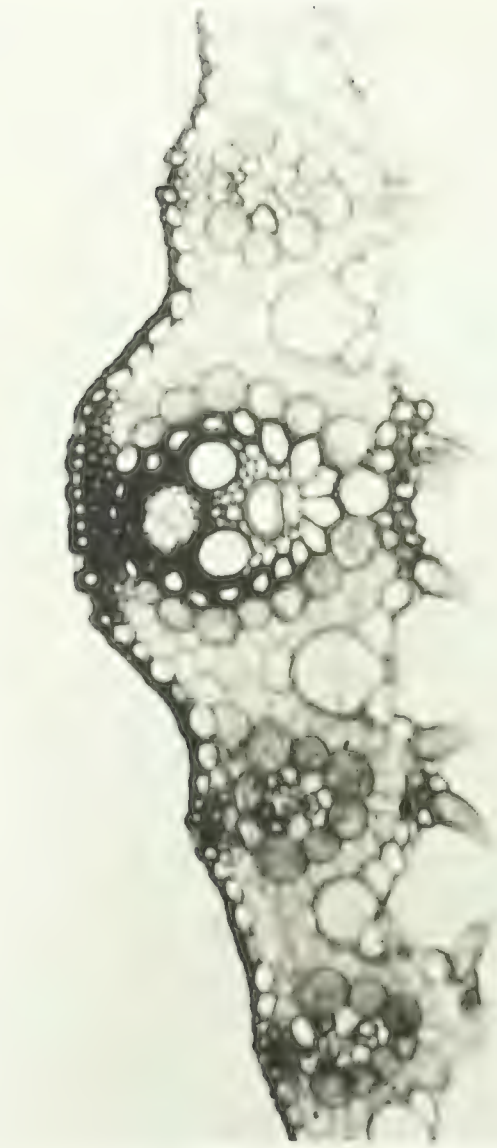
PLANCHE 46-A



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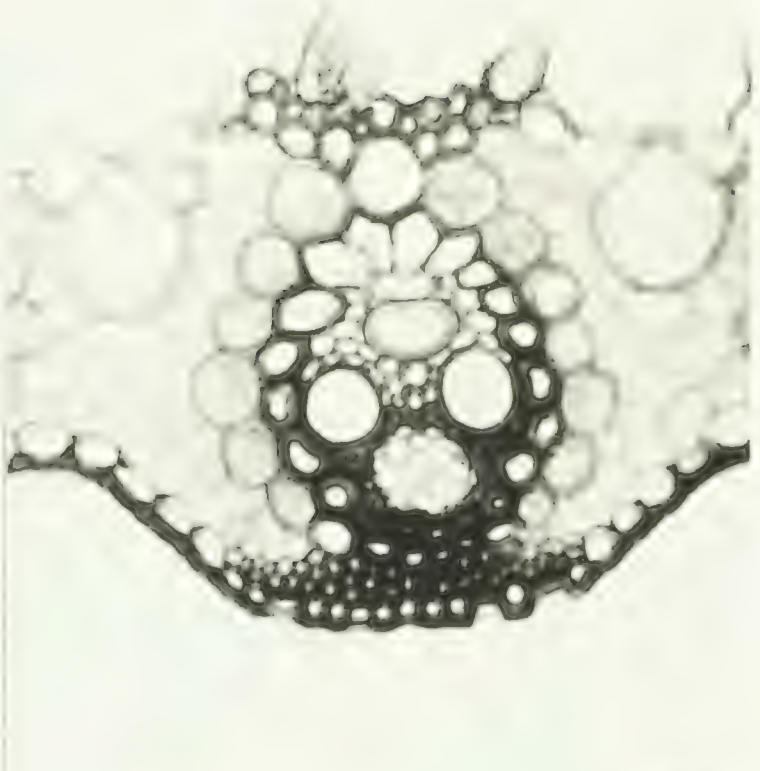

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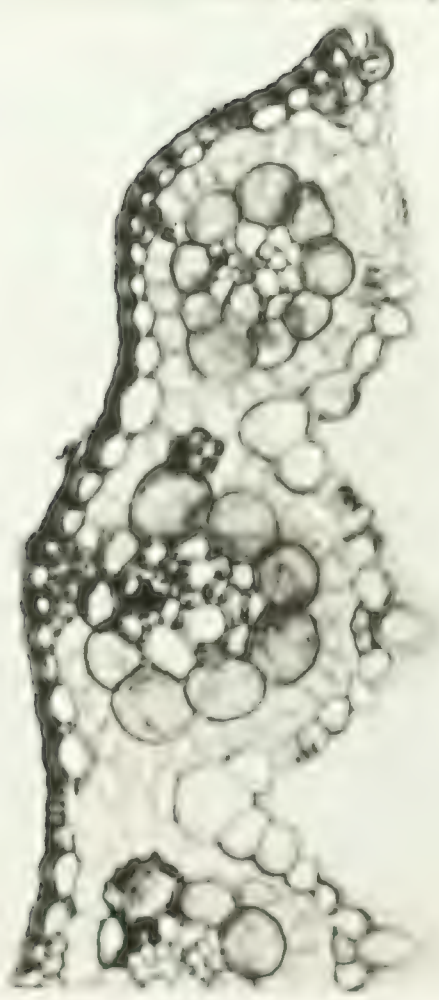

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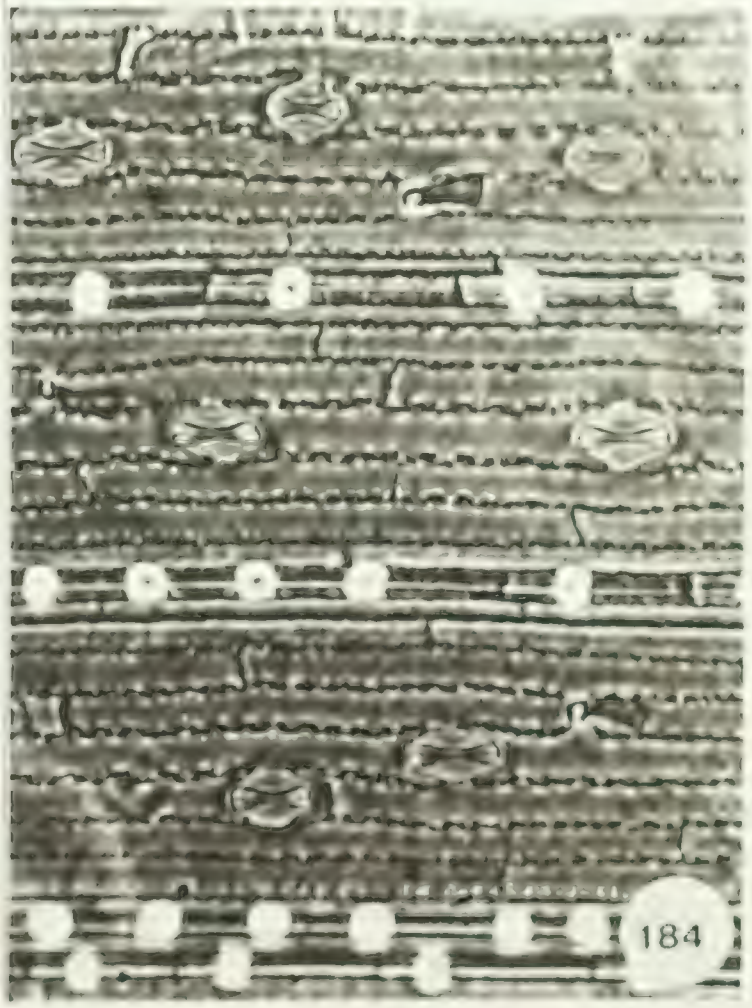

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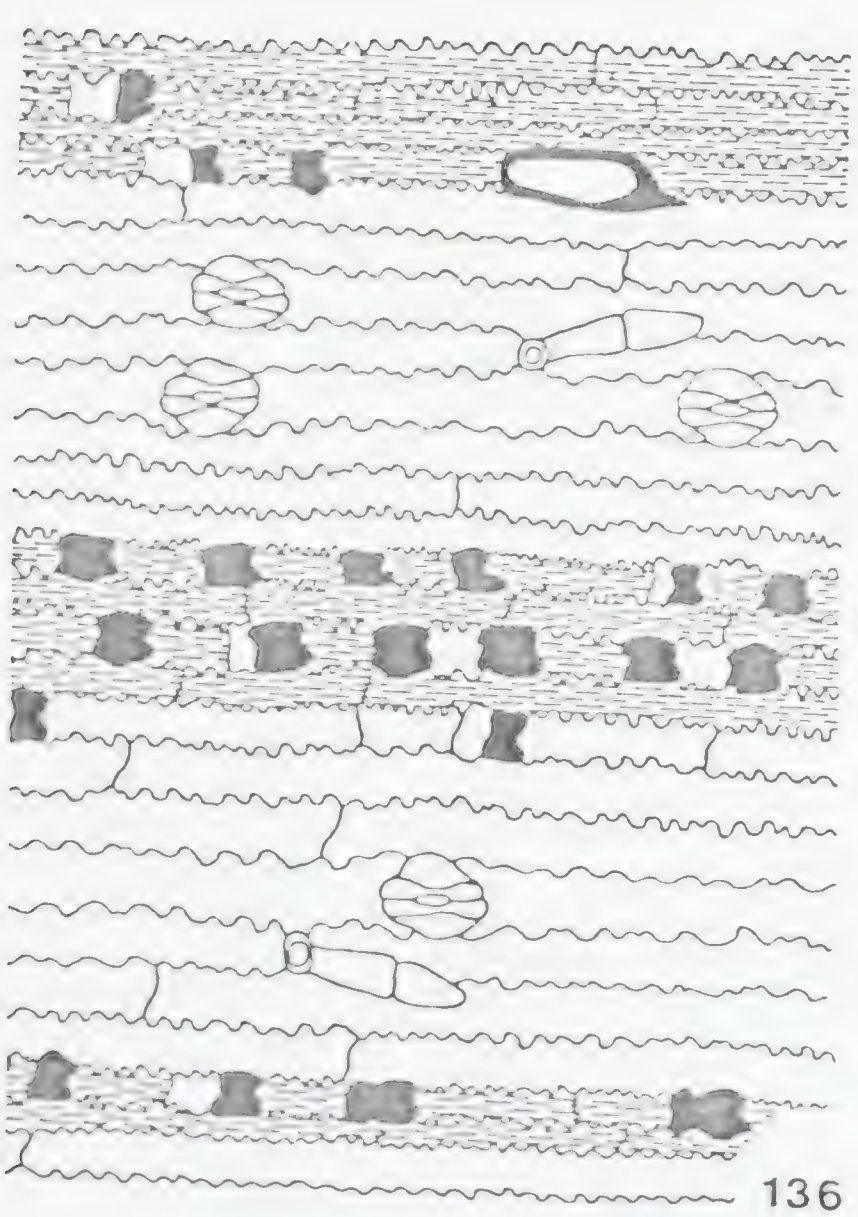
PLANCHE 46-B



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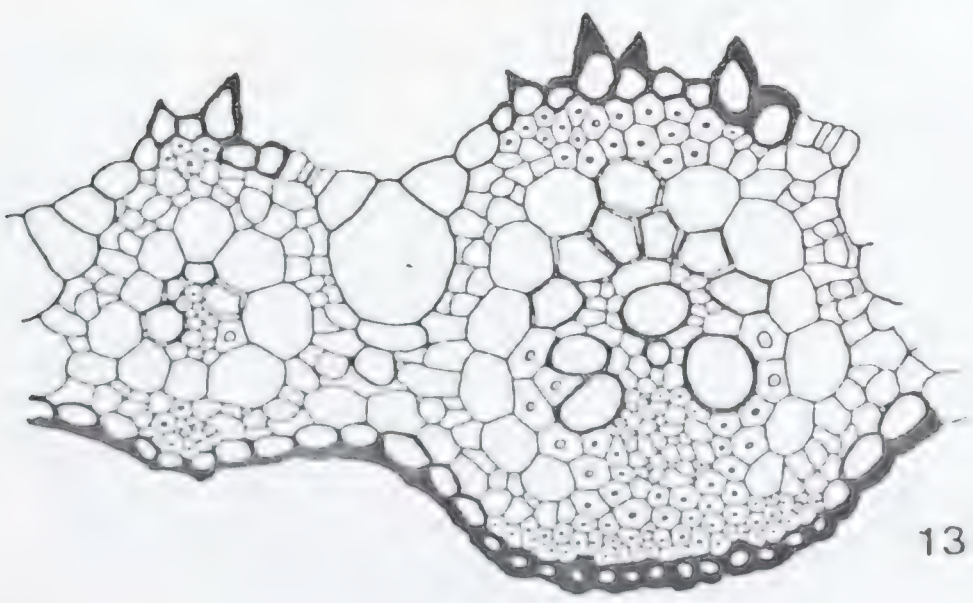

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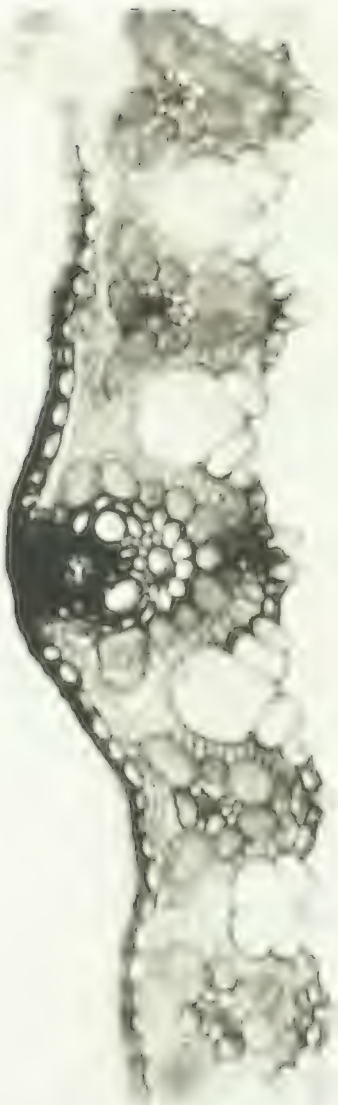
PLANCHE 47-A



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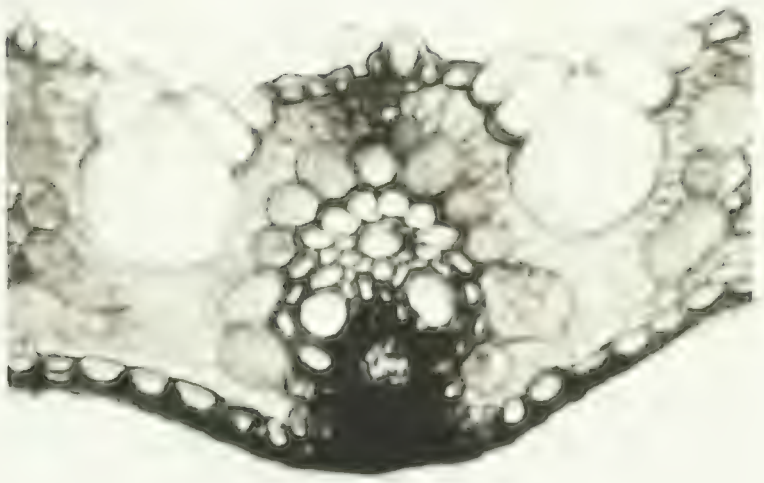

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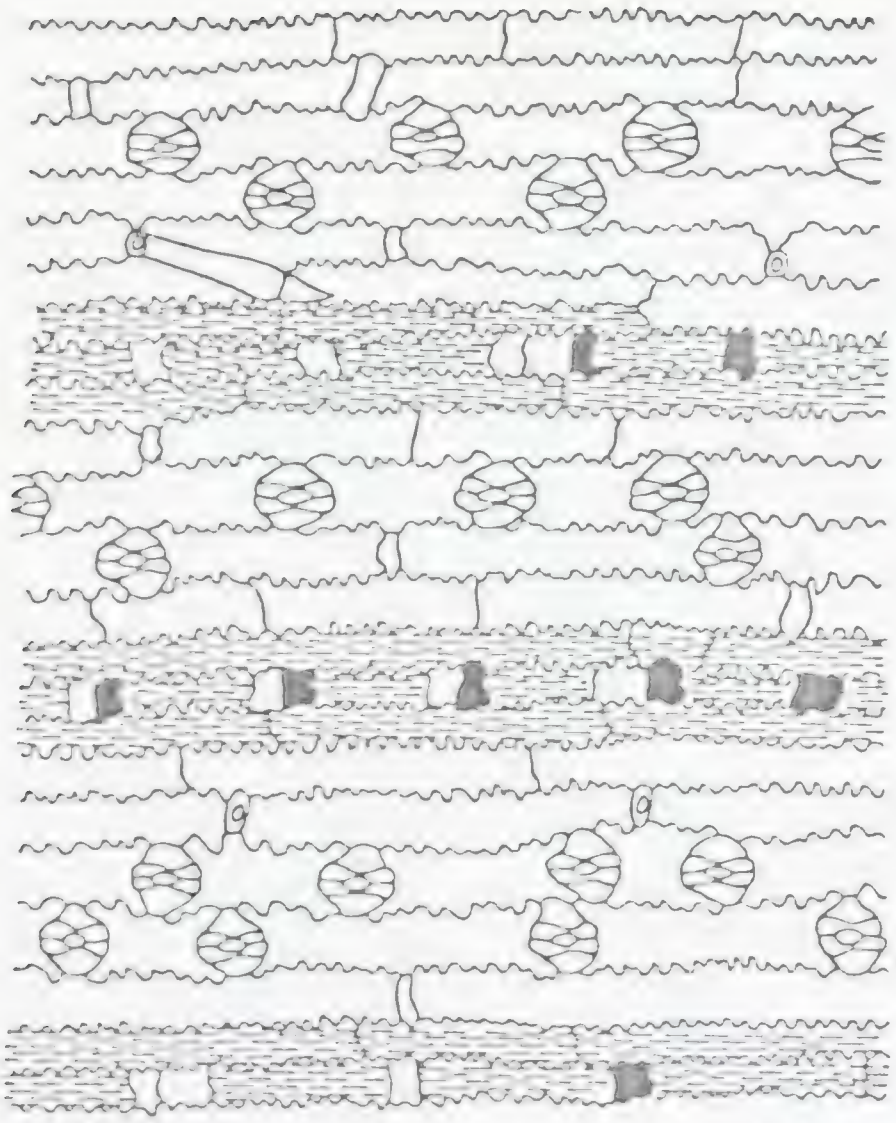
PLANCHE 47-B



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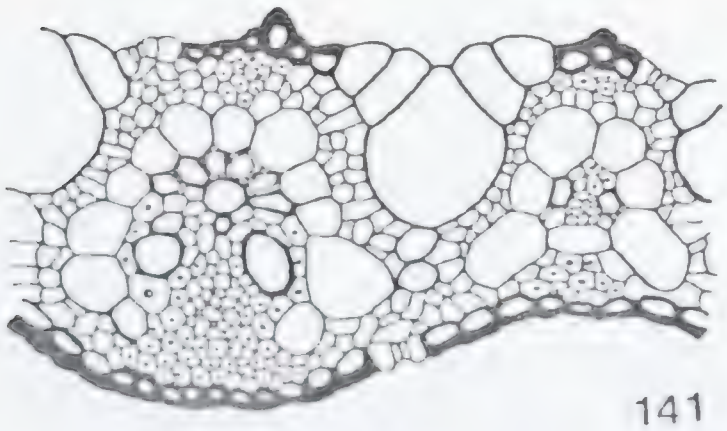

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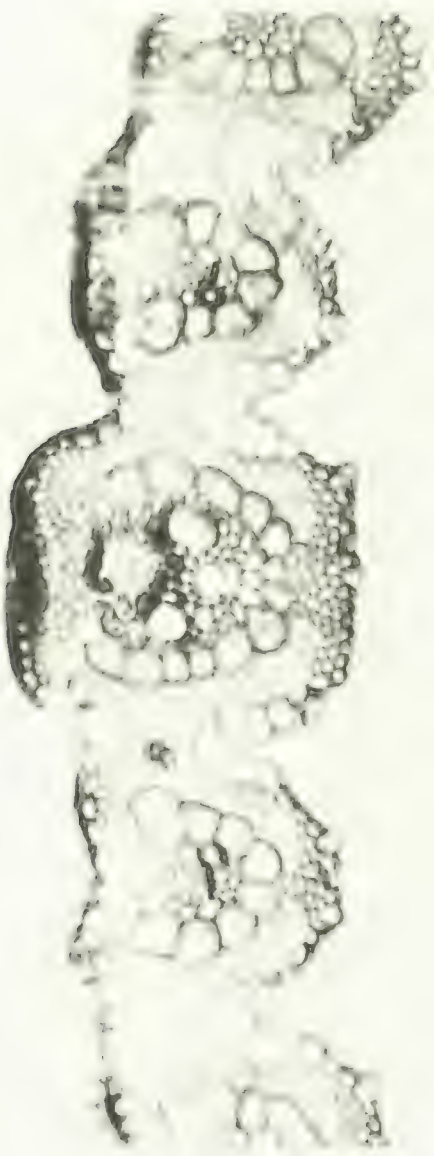
PLANCHE 48-A



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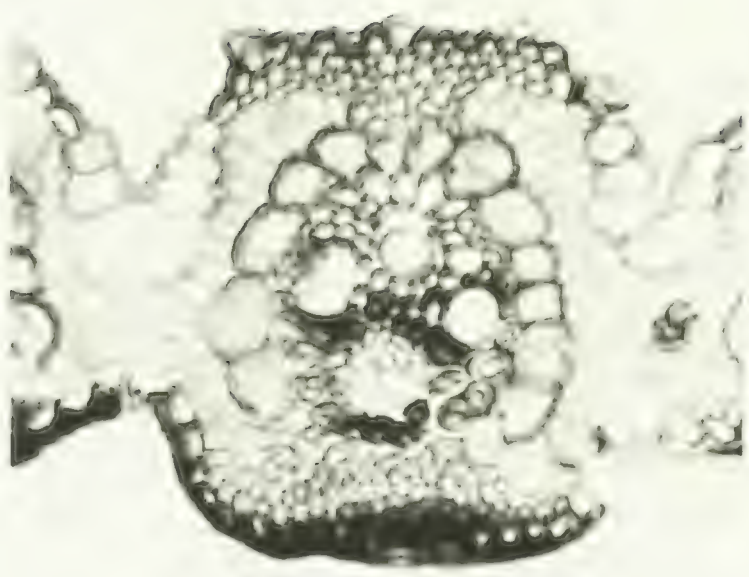

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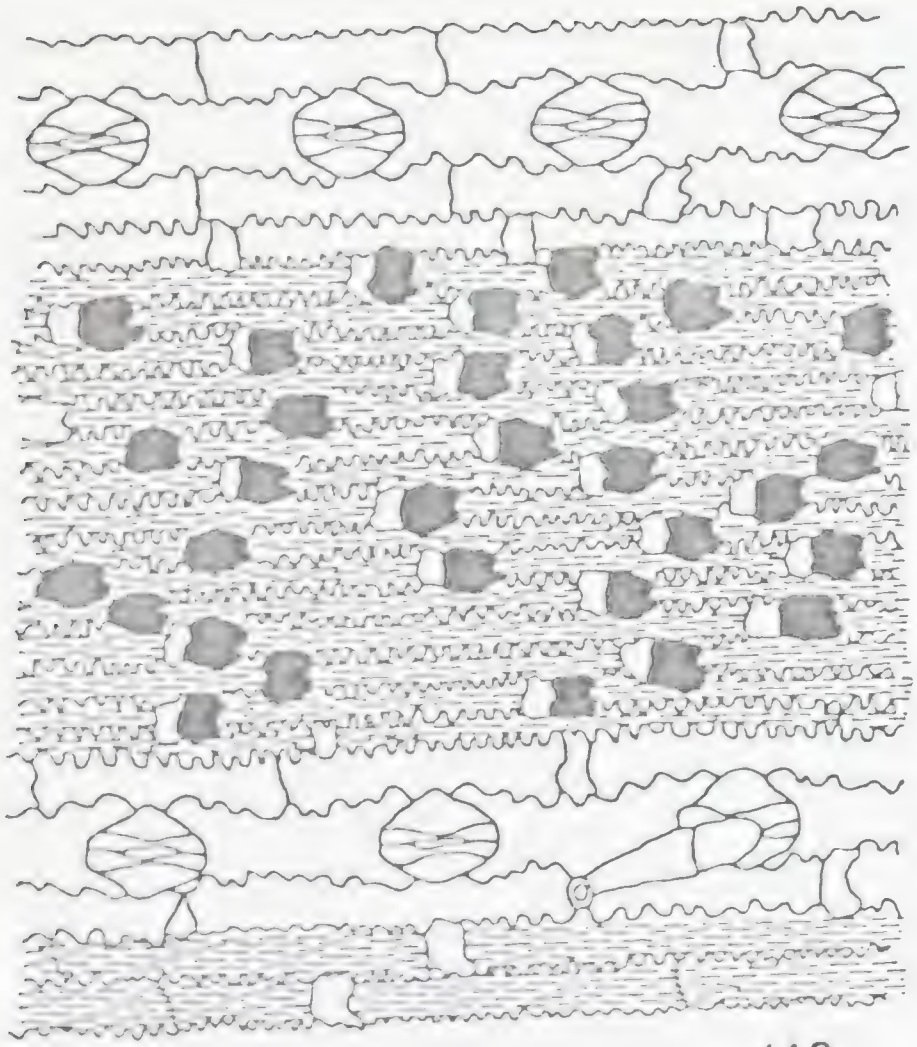
192

PLANCHE 48-B



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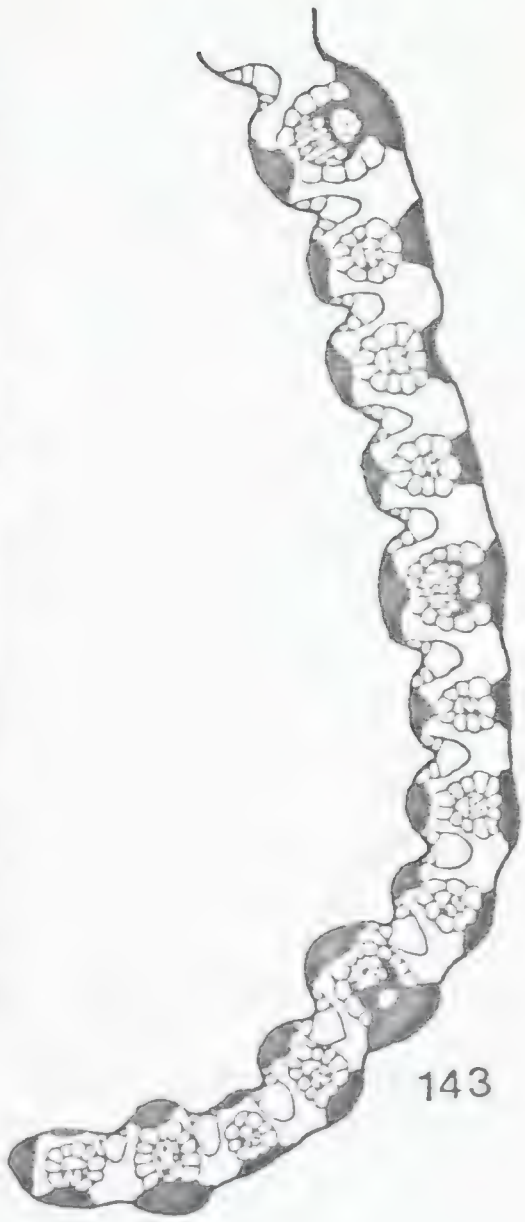

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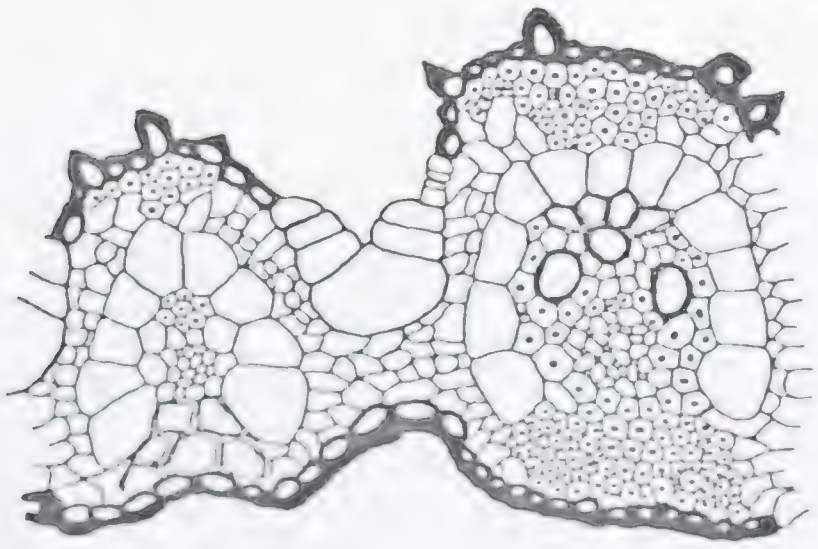

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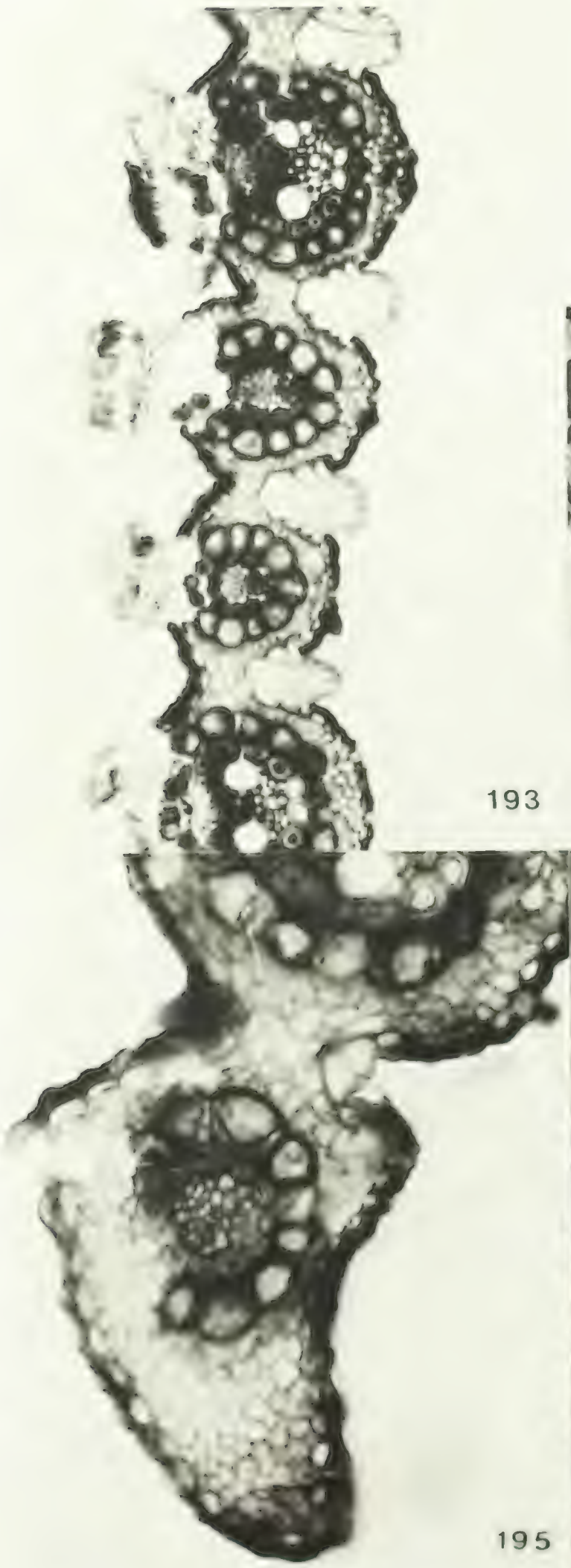
PLANCHE 49-A



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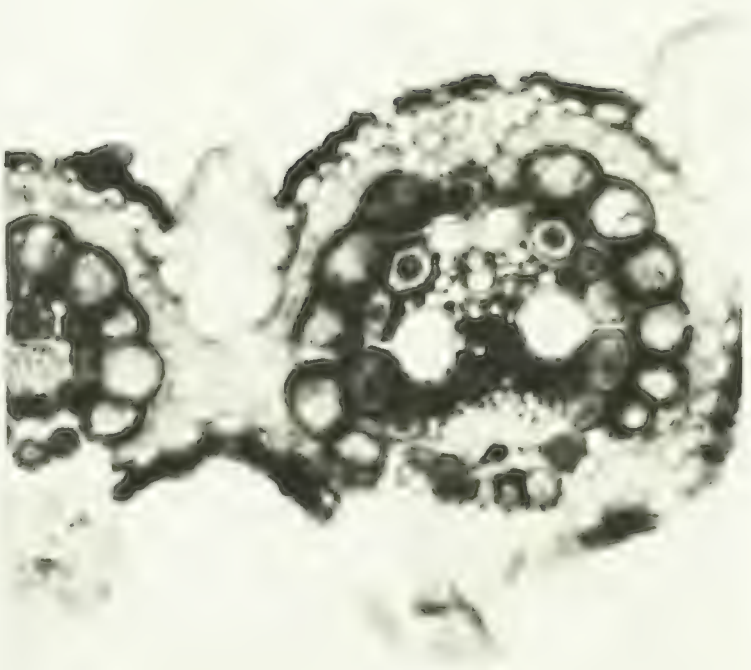

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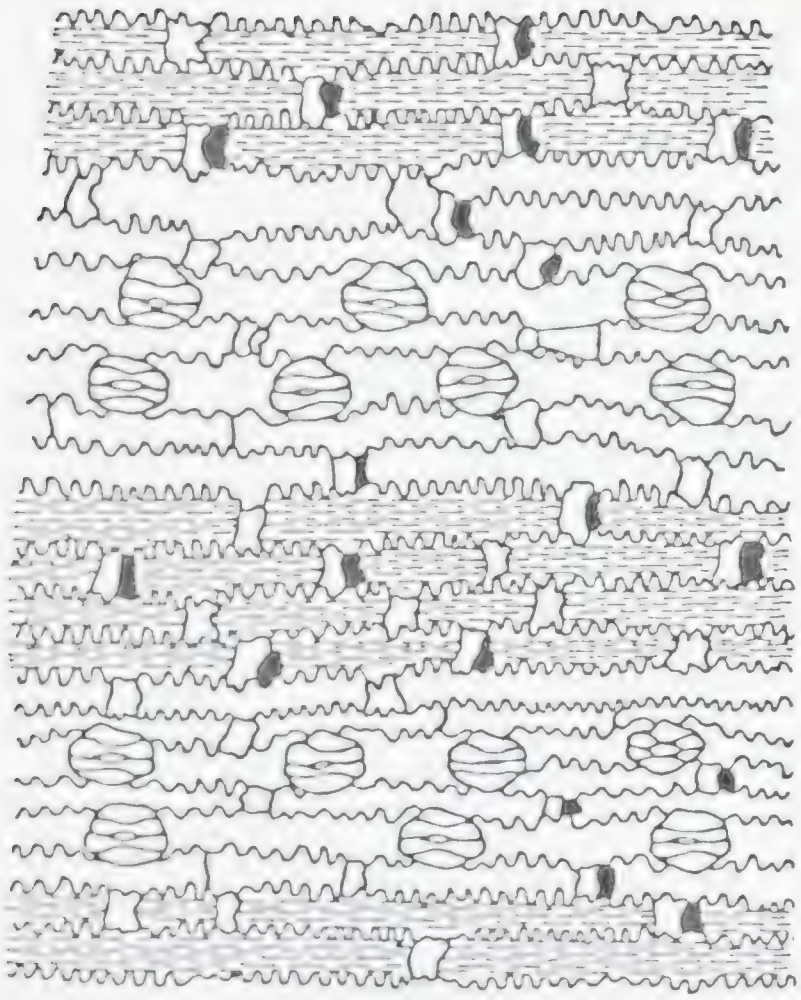
PLANCHE 49-B



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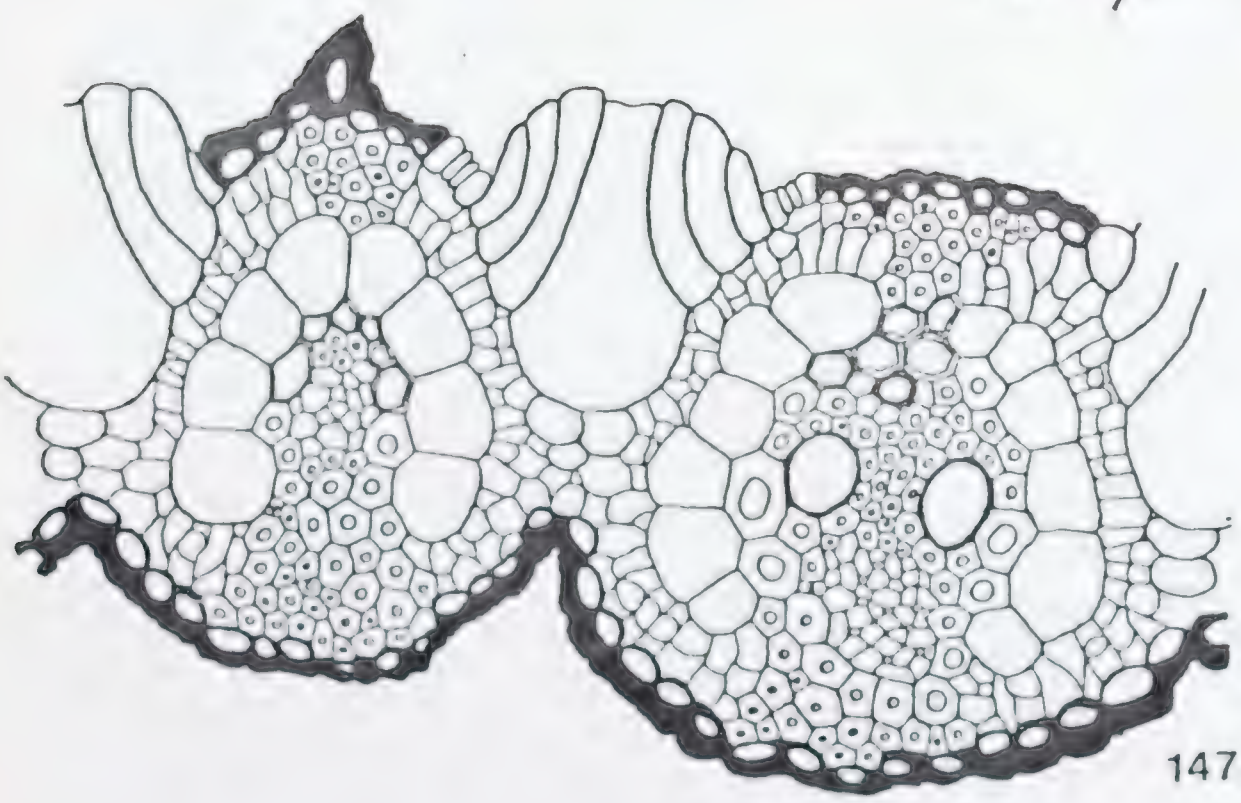
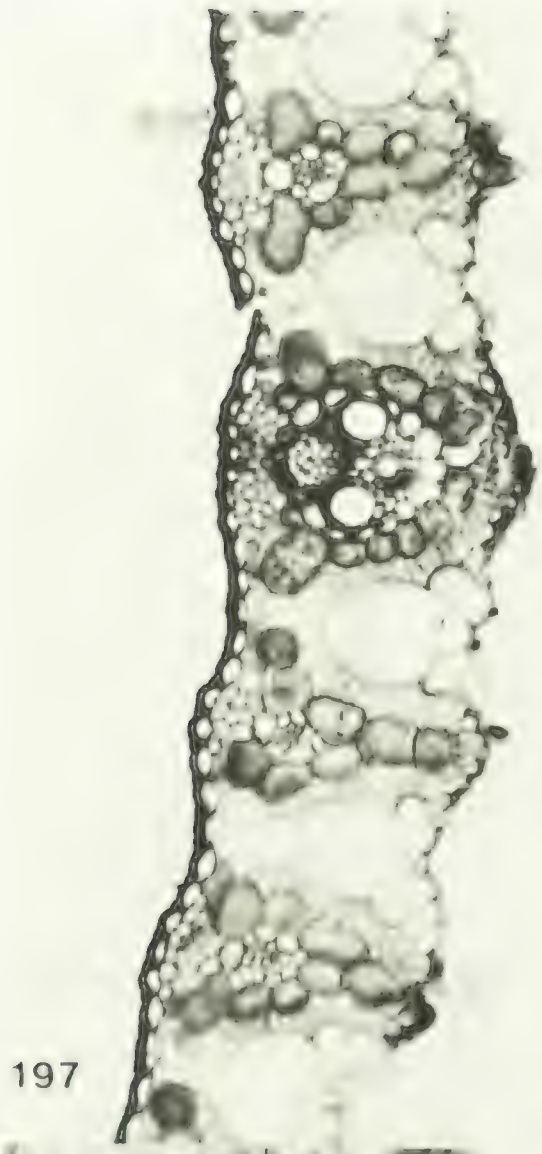


147

PLANCHE 50-A



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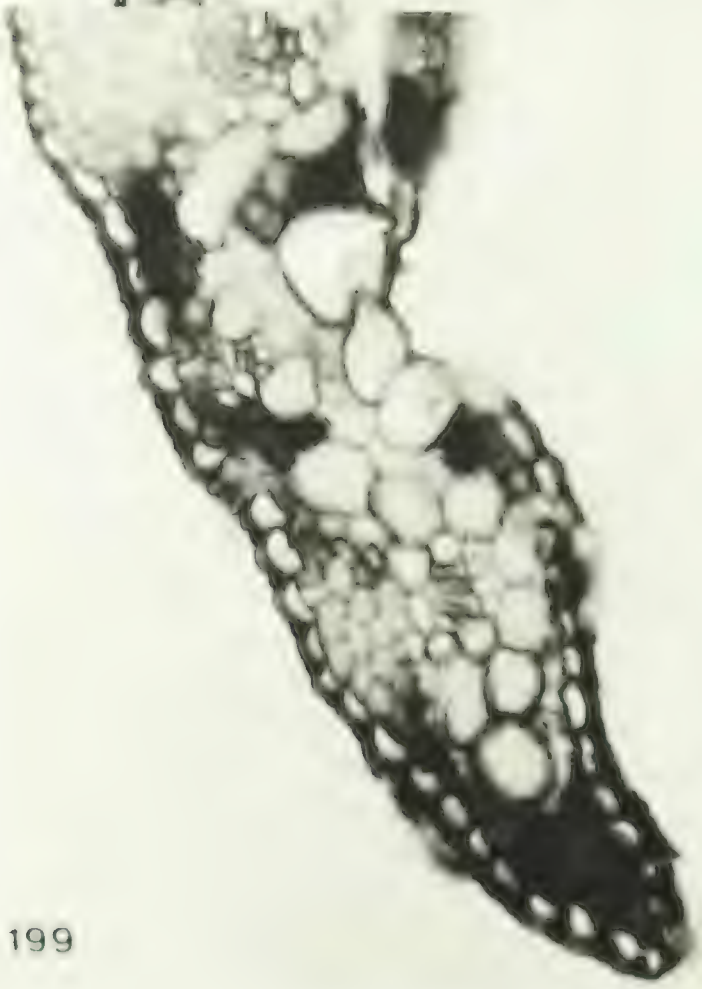

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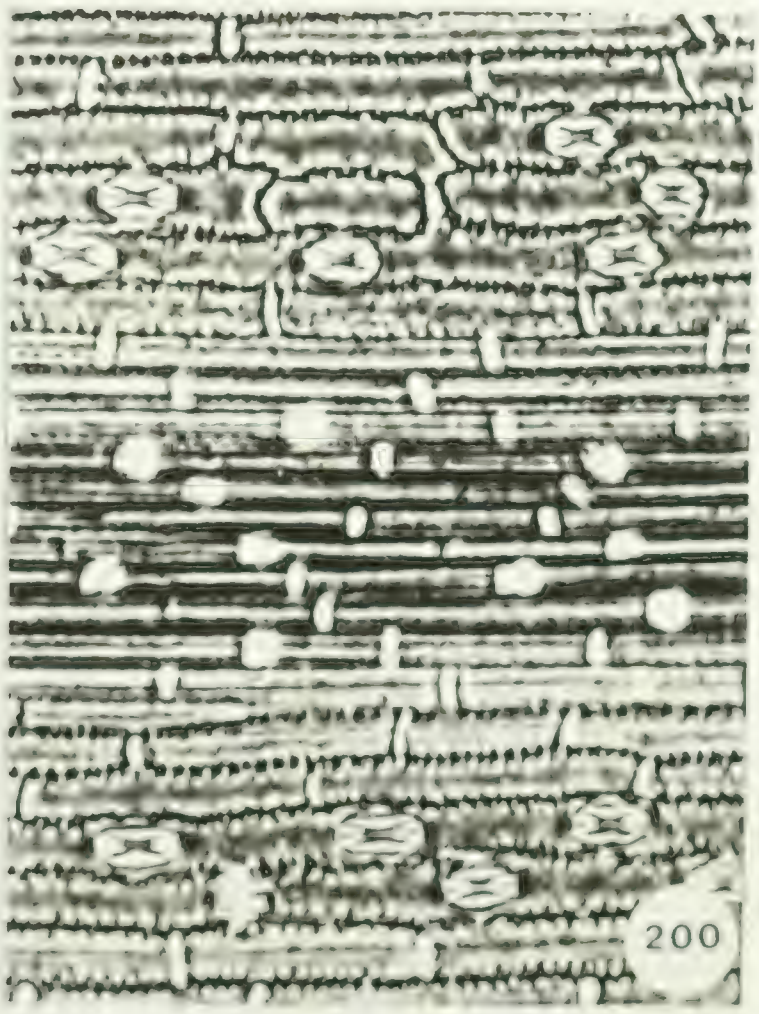

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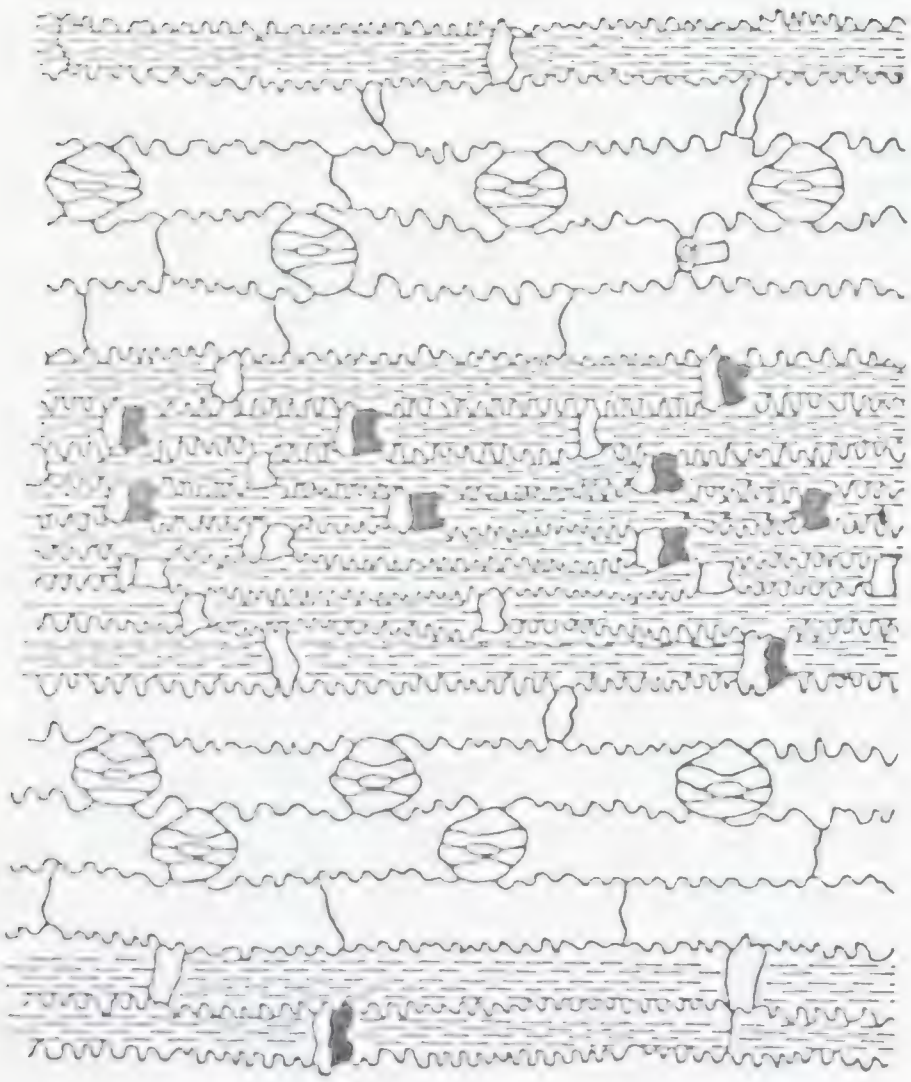
PLANCHE 50-B



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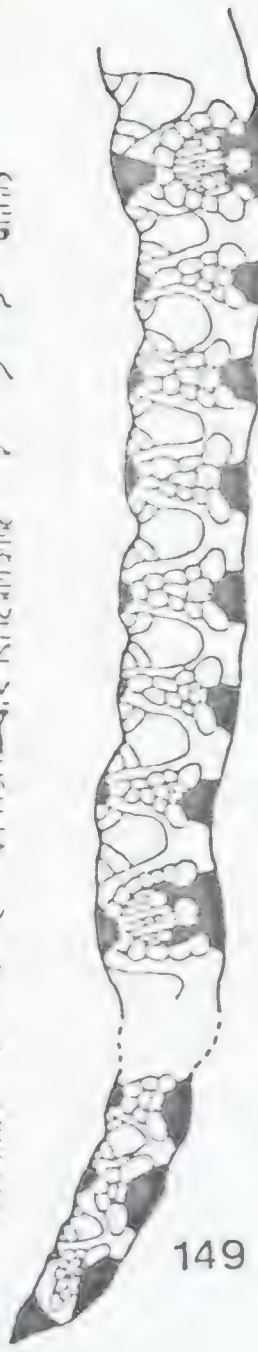

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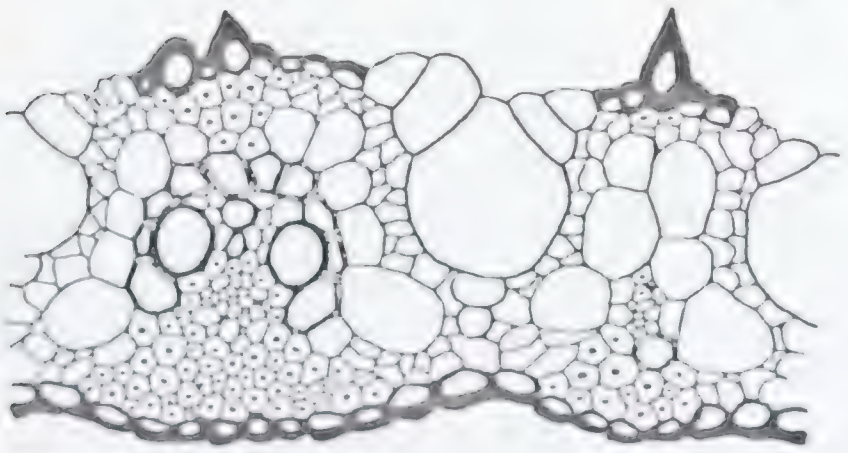

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PLANCHE 51-A

201

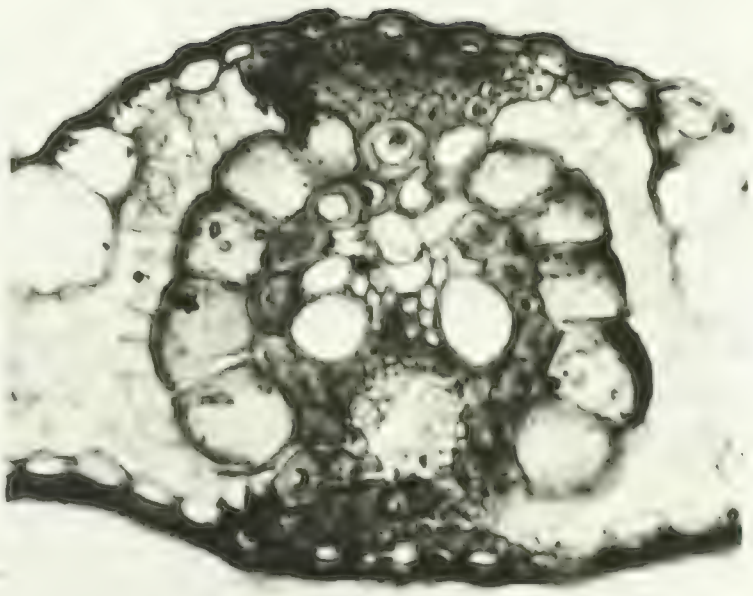

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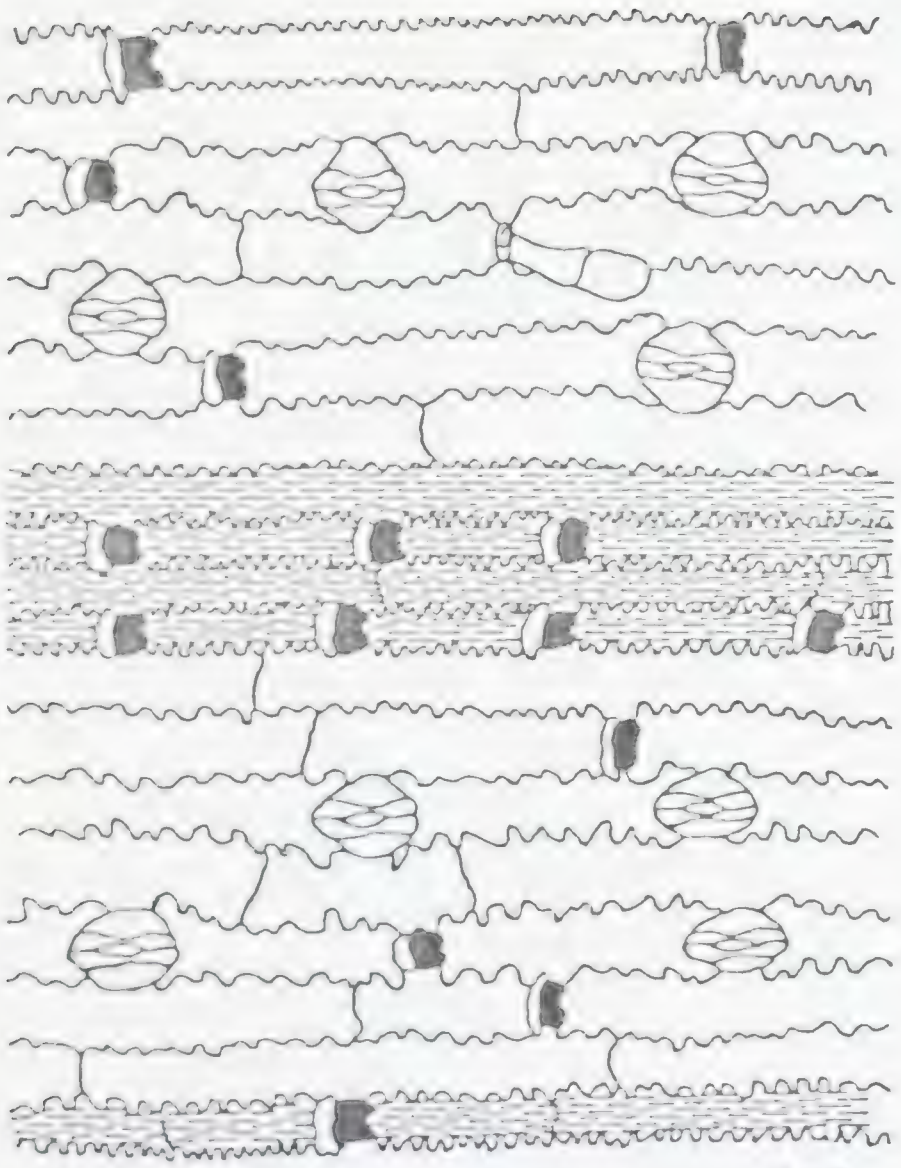
PLANCHE 51-B



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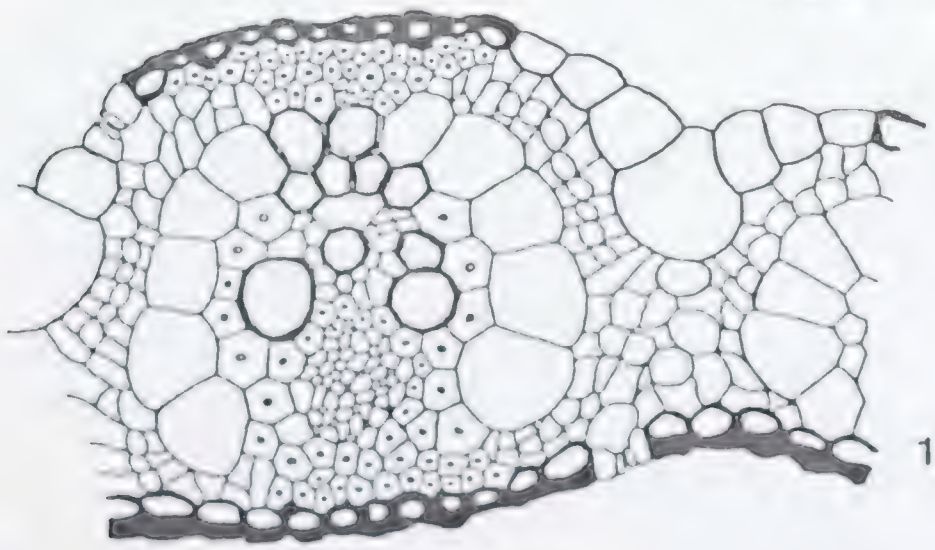
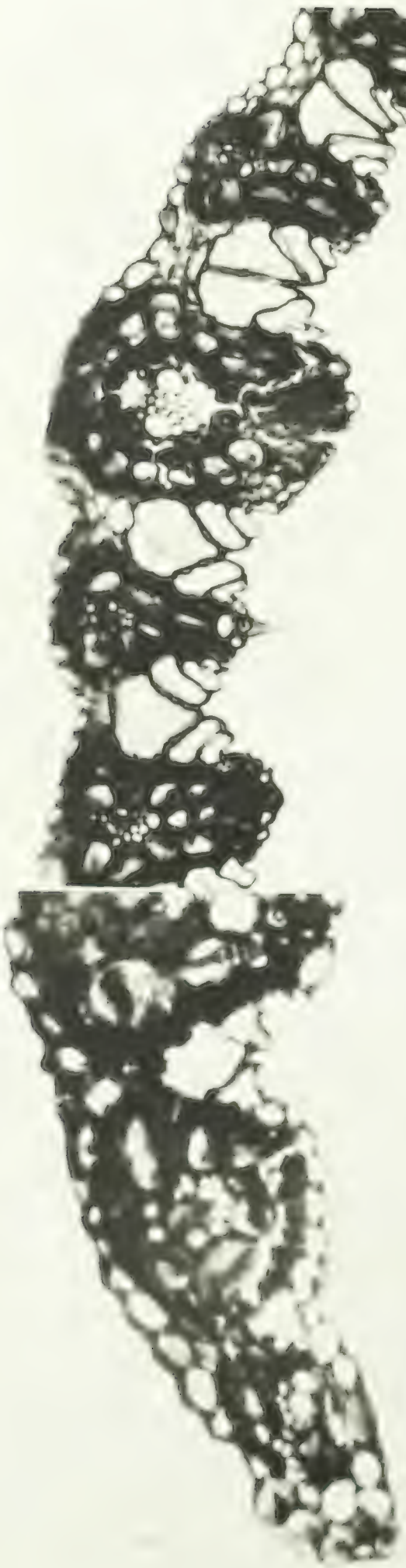


153

PLANCHE 52-A



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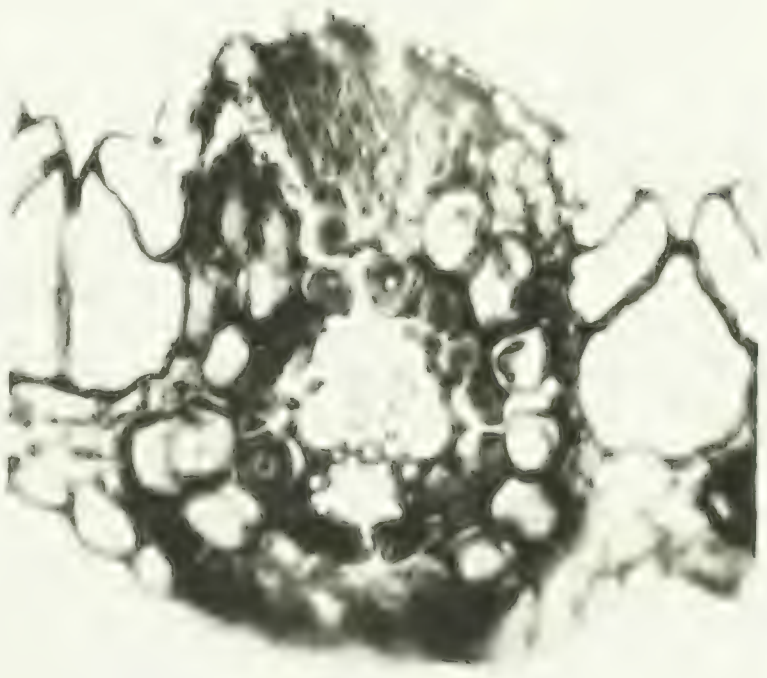

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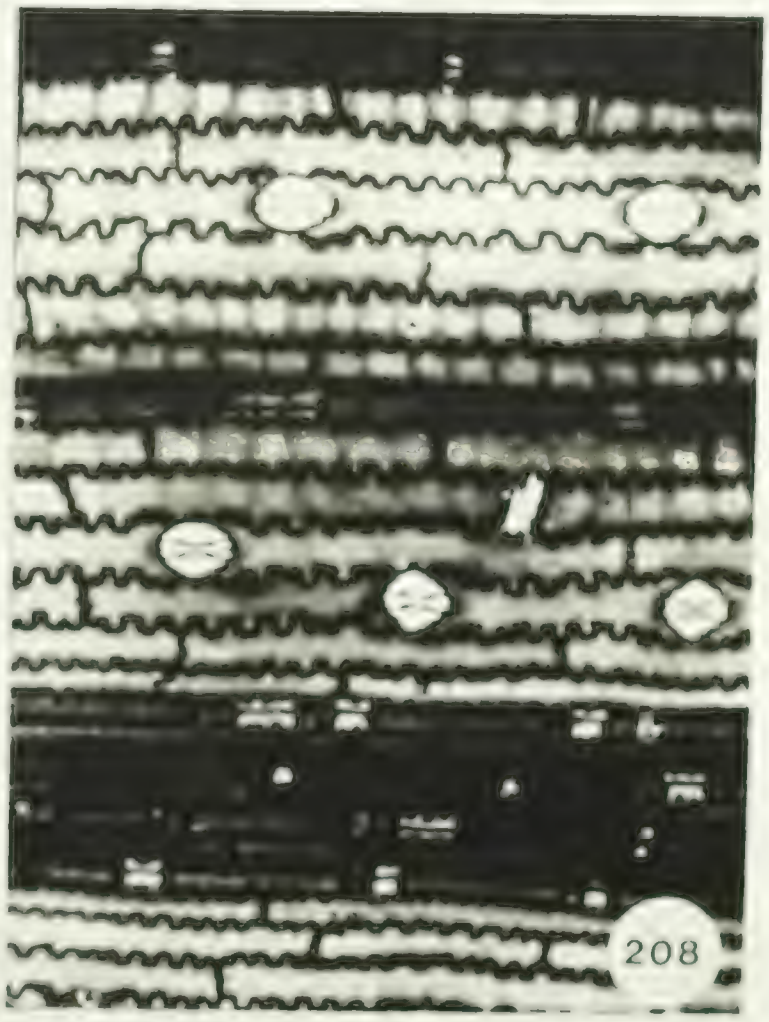

207

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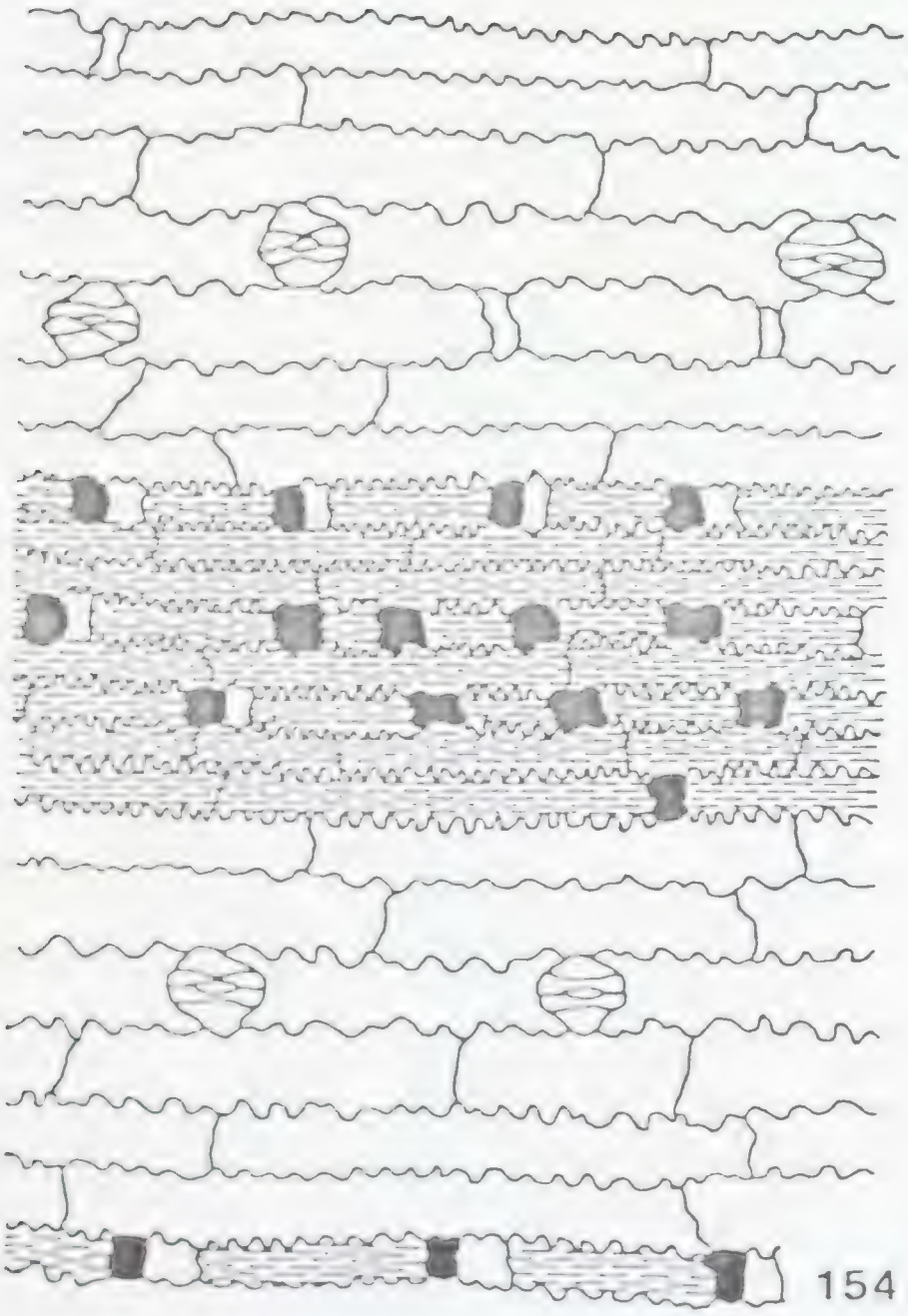
PLANCHE 52-B



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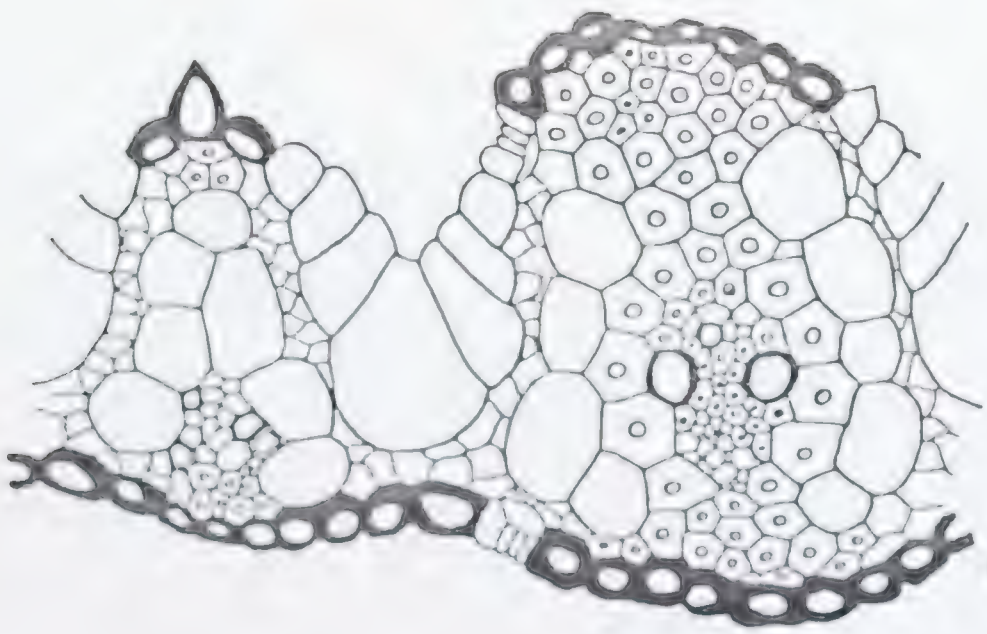

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PLANCHE 53-A

209

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211

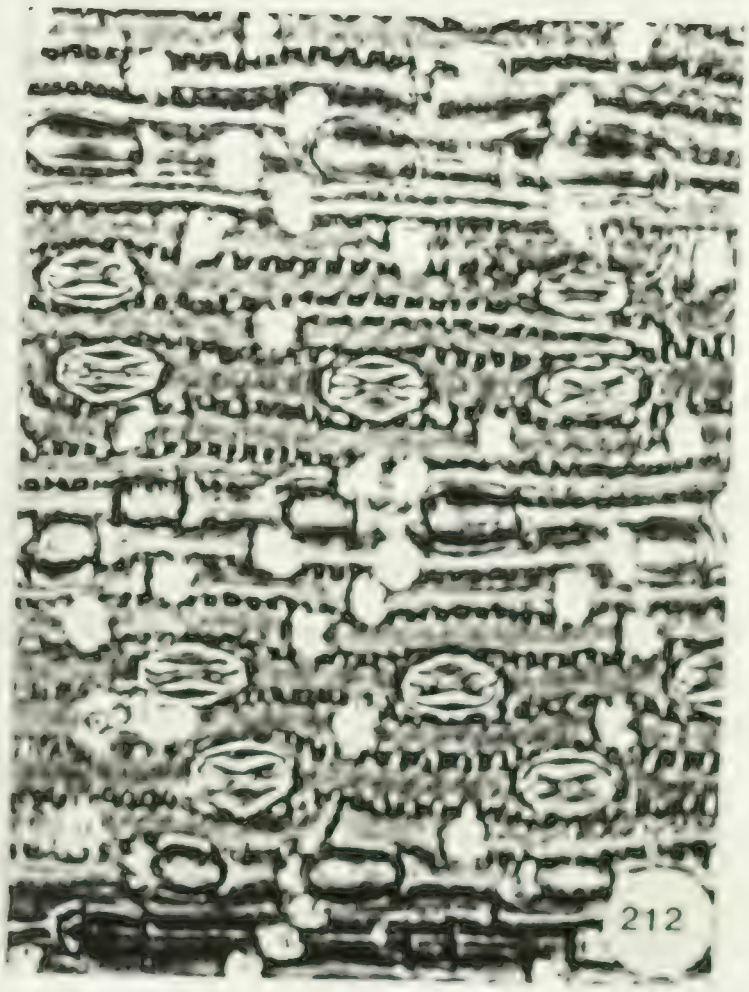

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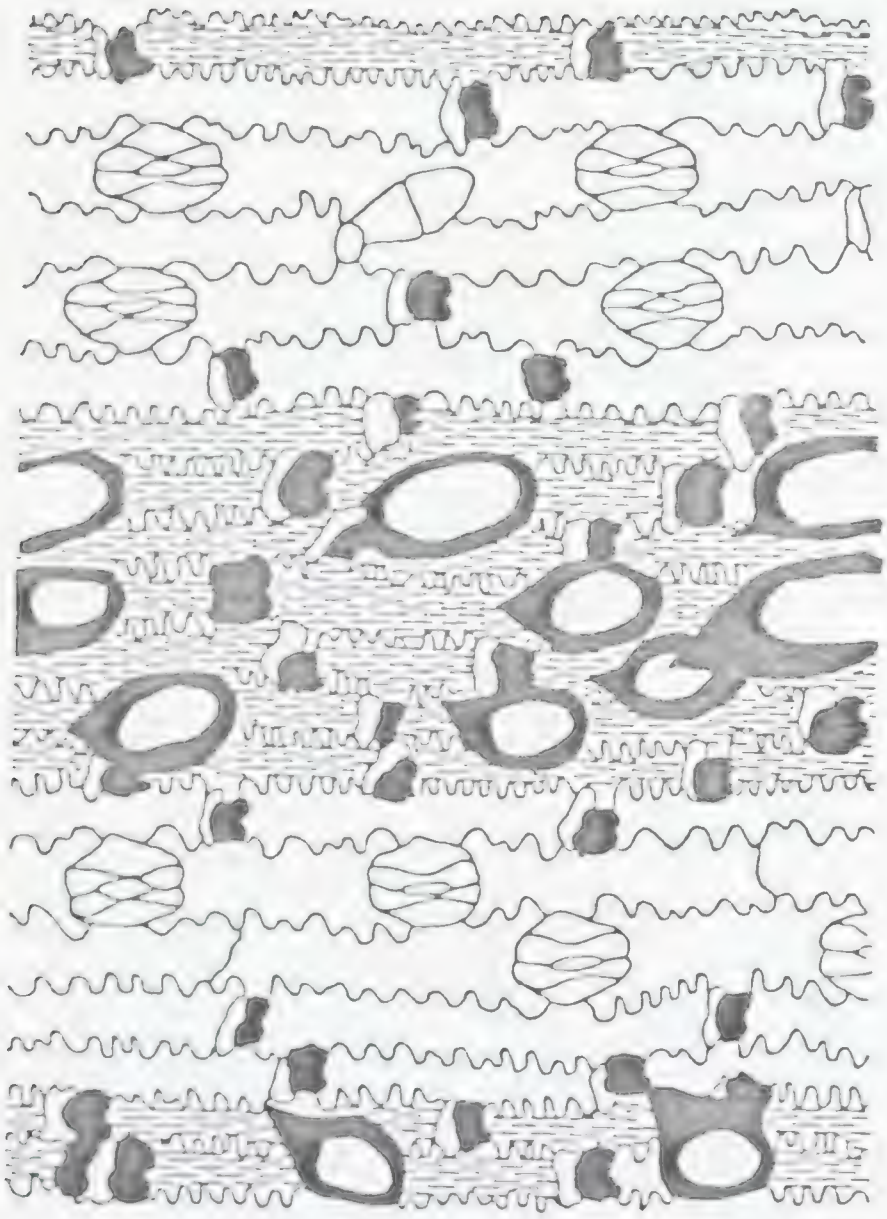
PLANCHE 53-B



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158

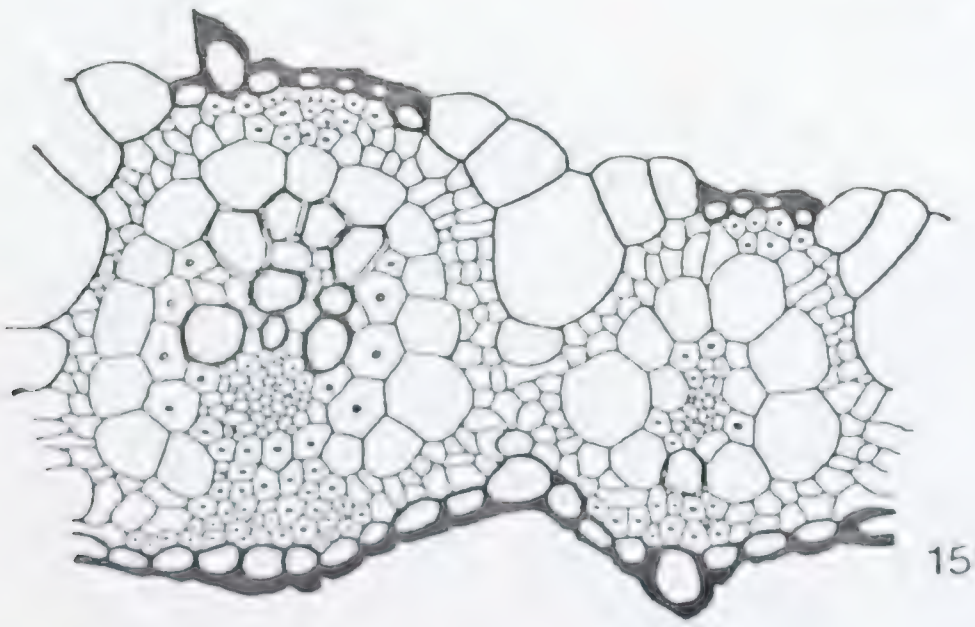

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PLANCHE 54 - A

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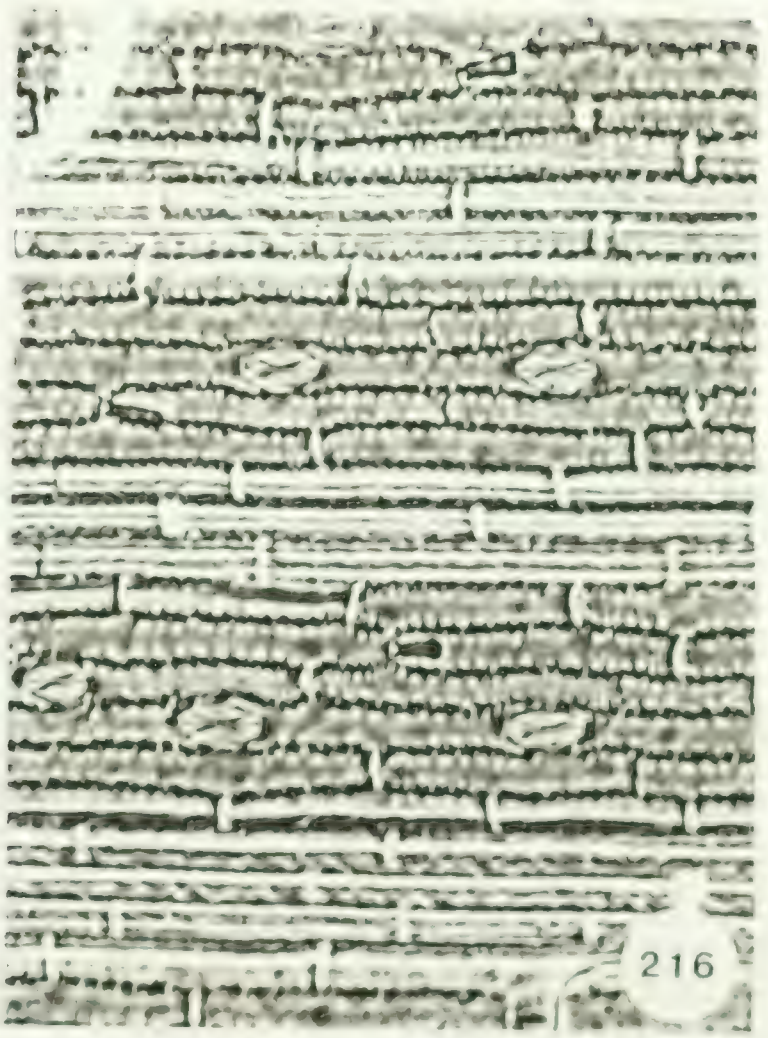

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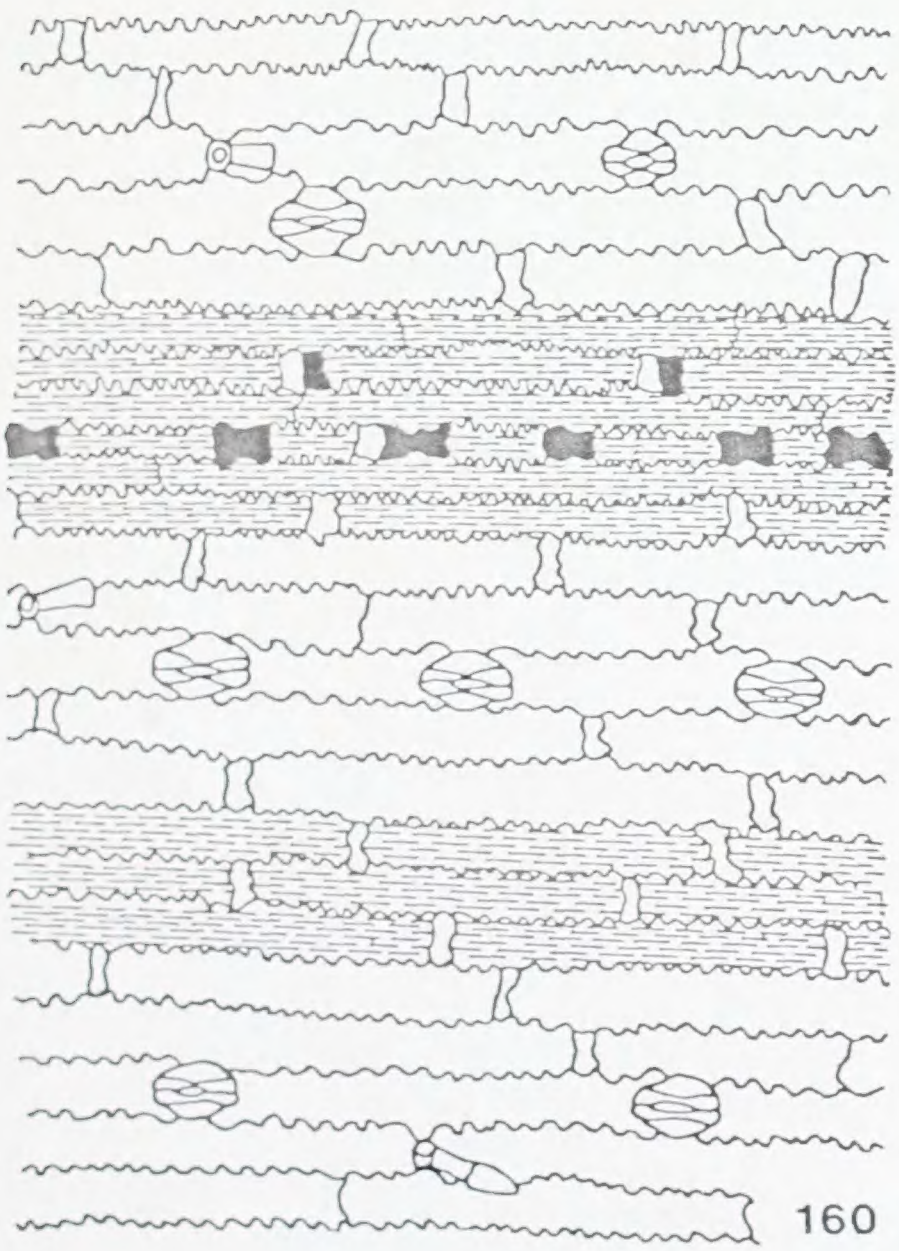
PLANCHE 54-B



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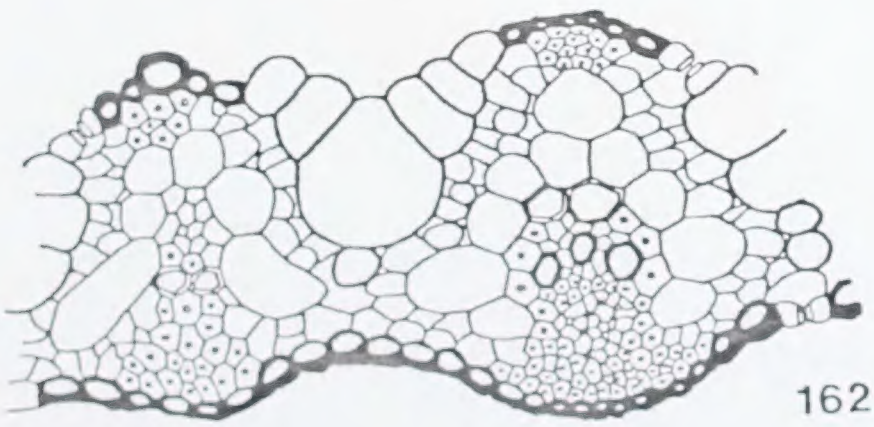

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PLANCHE 55-A

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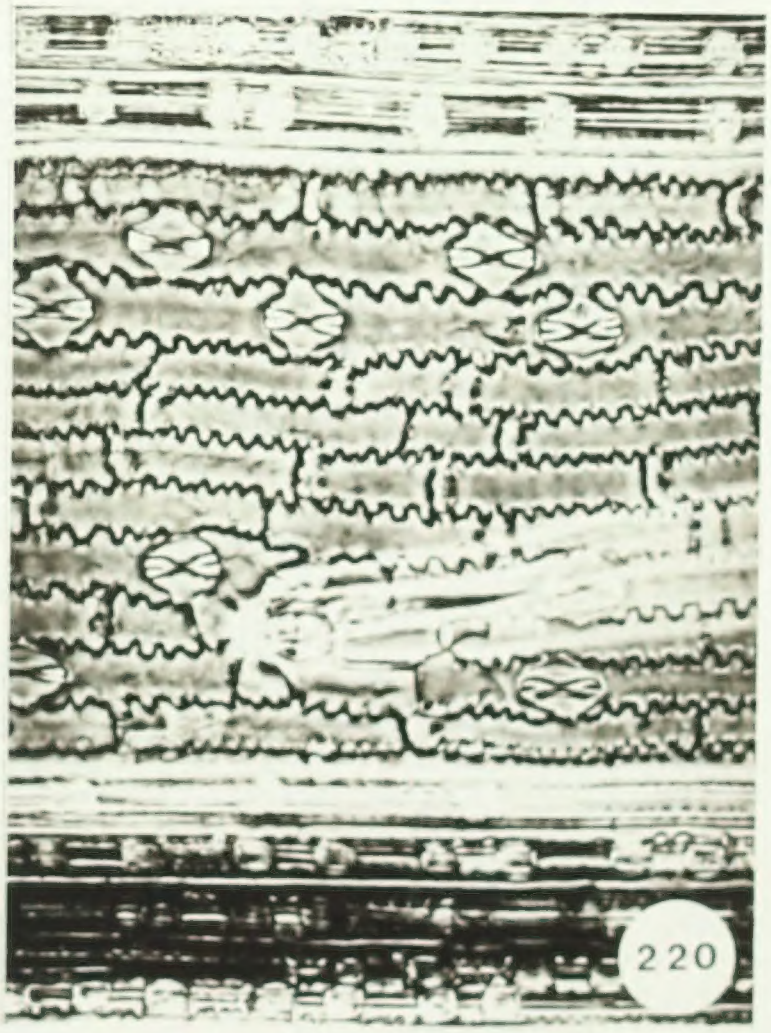

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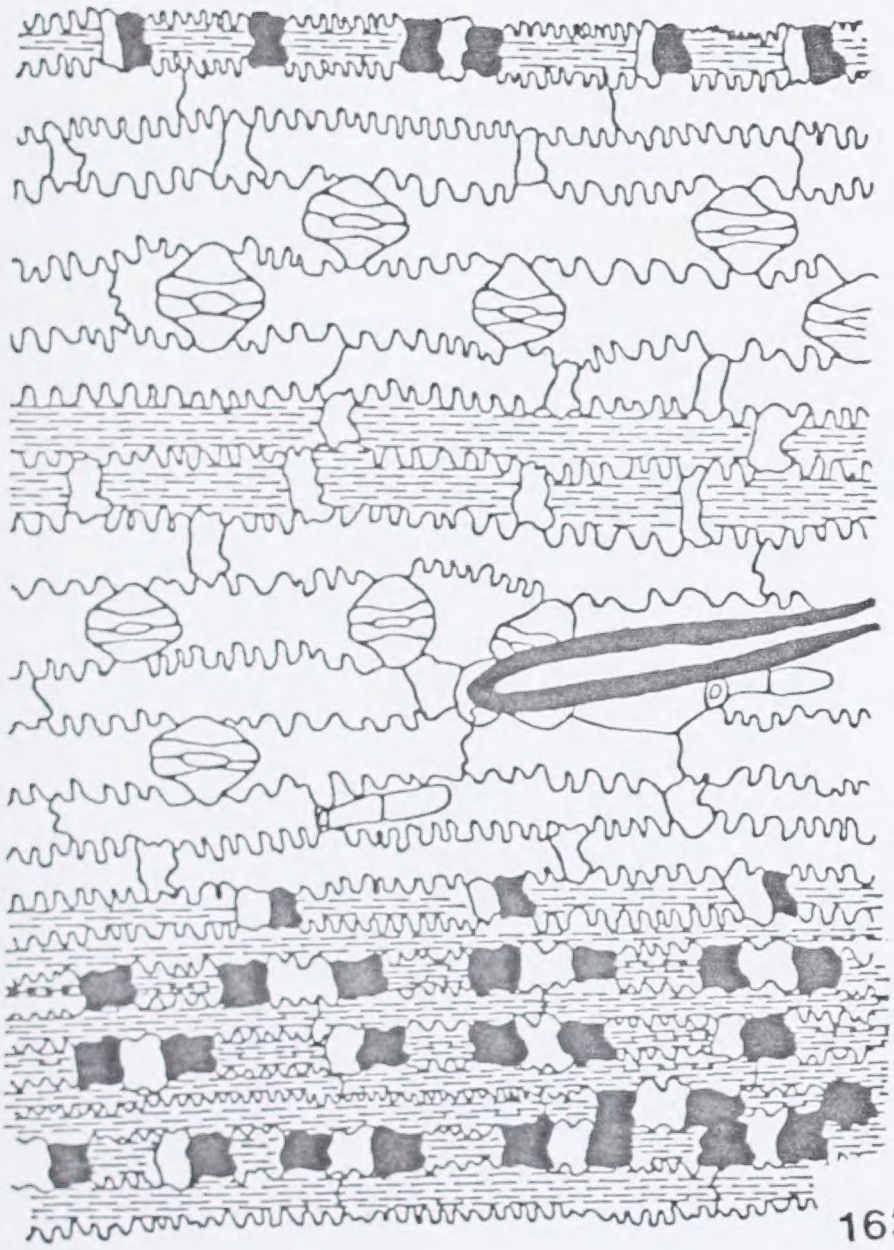
PLANCHE 55-B



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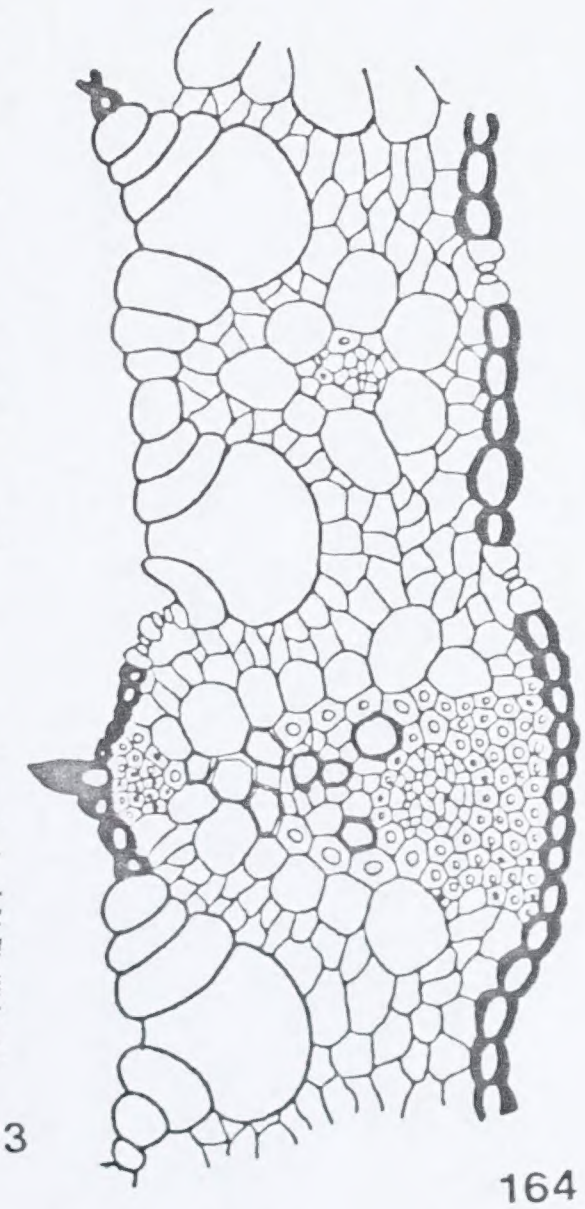

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